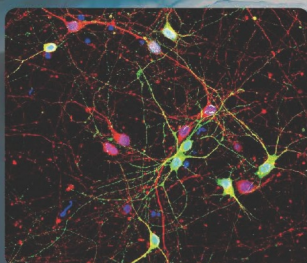


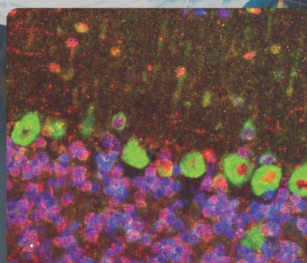
Neurotransmission

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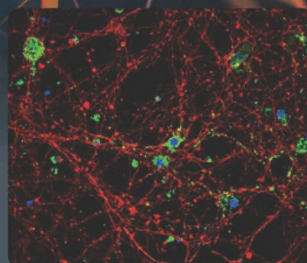
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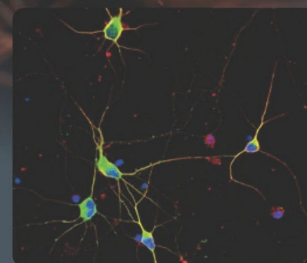
GABA antibody
(GTX125988)



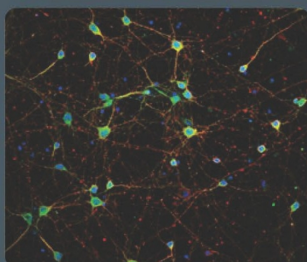
Dopamine Receptor D2 antibody
[HL1584] (GTX637063)



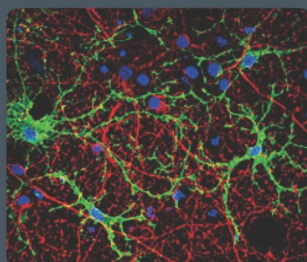
5-HT1A receptor antibody [N3C1],
Internal (GTX104703)



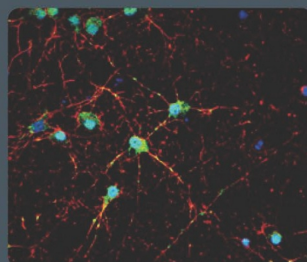
Dopamine Transporter antibody
(GTX133152)



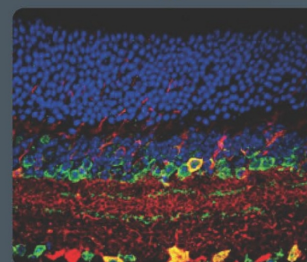
NMDAR1 antibody
(GTX133097)



EAAT1 antibody
(GTX134060)



EAAT4 antibody
(GTX134100)



Vesicular Acetylcholine
Transporter antibody (GTX133251)

Dopamine

Recombinant Citation Support Comparable Abs Orthogonal Validation

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Receptor	GTX100354	Dopamine Receptor D1 antibody [C2C3], C-term	Rb pAb	Hu, Ms, Rat	WB, IHC-Fr, ICC/IF, IHC-P
	GTX636952	Dopamine Receptor D2 antibody [HL1478]	Rec Rb mAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX637063	Dopamine Receptor D2 antibody [HL1584]	Rec Rb mAb	Ms, Rat	WB, IHC-P
	GTX66276	Dopamine Receptor D3 antibody	Rb pAb	Ms, Rat	WB
	GTX108178	Dopamine Receptor D4 antibody [N1], N-term	Rb pAb	Hu, Ms	WB, IHC-Fr
	GTX132084	Dopamine Receptor D4 antibody	Rb pAb	Hu	WB
Transporter	GTX77969	Dopamine Receptor D5 antibody	Rb pAb	Hu, Ms, Crab	WB, IHC-Fr, IHC-P
	GTX133152	Dopamine Transporter antibody	Rb pAb	Hu, Ms, Rat, Zfsh	WB, ICC/IF, IHC-P
Synthesis	GTX30448	DOPA Decarboxylase antibody	Rb pAb	Hu, Ms, Rat, Bov	WB, ICC/IF, IHC, IHC-Fr, IHC-P
	GTX134053	DOPA Decarboxylase antibody	Rb pAb	Ms, Rat	WB, ICC/IF, IHC-Fr, IHC-P
	GTX113016	Tyrosine Hydroxylase antibody	Rb pAb	Hu, Ms, Rat, Vole, Calf	WB, ICC/IF, IHC-Fr, IHC-P
	GTX102424	Tyrosine Hydroxylase antibody [N1C1]	Rb pAb	Hu, Ms, Rat, Zfsh	WB, ICC/IF, IHC-Fr, IHC-P, IHC-Wm
	GTX634481	Tyrosine Hydroxylase antibody [GT234]	Ms mAb	Ms, Rat	WB, IHC-P
	GTX10372	Tyrosine Hydroxylase antibody [185]	Ms mAb	Hu, Ms, Rat	WB, ICC/IF, IHC-Fr, IHC-P
	GTX16557	Tyrosine Hydroxylase (phospho Ser40) antibody	Rb pAb	Ms, Rat, Bird, Starling	WB, ICC/IF, IHC, IHC-Fr
	GTX113667	Cytochrome P450 2D6 antibody	Rb pAb	Hu	WB
	GTX101616	Dopamine beta Hydroxylase antibody	Rb pAb	Hu, Ms, Rat	WB, IHC-P
	GTX636467	Dopamine beta Hydroxylase antibody [HL1163]	Rec Rb mAb	Hu	WB

Histamine

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Histamine	GTX134710	Histamine antibody	Rb pAb	Rat	ICC/IF, Dot, ELISA
Receptor	GTX108152	Histamine H2 Receptor antibody [N1], N-term	Rb pAb	Hu, Rat	WB, ICC/IF, IHC-P, FACS, IHC
	GTX100187	Histamine H3 Receptor antibody	Rb pAb	Hu	WB, IHC-P
	GTX100387	Histamine H4 Receptor antibody [N1N2], N-term	Rb pAb	Hu	WB
	GTX130116	Histamine H4 Receptor antibody	Rb pAb	Hu	WB
Synthesis	GTX112435	HDC antibody [N3C2], Internal	Rb pAb	Hu	WB
	GTX32647	HDC antibody	Rb pAb	Hu, Ms	WB

Norepinephrine / Epinephrine (NE / Epi)

	Cat. No.	Product Name	Clonality	Reactivity	Applications
NE/Epi	GTX13211	Adrenaline antibody	Rb pAb	Other	ELISA
Receptor	GTX100190	alpha 1a Adrenergic Receptor antibody	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX100177	alpha 1b Adrenergic Receptor antibody	Rb pAb	Ms	WB
	GTX80804	alpha 2a Adrenergic Receptor antibody	Rb pAb	Hu, Ms, Rat	ICC/IF, IHC-Fr
	GTX81169	alpha 2b Adrenergic Receptor antibody, Internal	Rb pAb	Hu	WB, ICC/IF, IHC-P, FACS
	GTX100334	alpha 2c Adrenergic Receptor antibody [C2C3], C-term	Rb pAb	Hu	WB, IHC-P
	GTX108366	beta 1 Adrenergic Receptor antibody [C3], C-term	Rb pAb	Hu	WB, ICC/IF, IHC-P
	GTX23546	beta 1 Adrenergic Receptor antibody	Rb pAb	Hu, Ms, Rat, Cat, Primate	WB, ICC/IF, IHC-Fr, IHC
	GTX100040	beta 2 Adrenergic Receptor antibody [C2C3], C-term	Rb pAb	Hu, Rat	WB, IHC-P
	GTX108200	beta 3 Adrenergic Receptor antibody [C3], C-term	Rb pAb	Hu	WB
	GTX54925	beta 3 Adrenergic Receptor antibody	Rb pAb	Hu, Ms, Rat	WB
Transporter	GTX66236	SLC6A2 antibody	Rb pAb	Hu, Ms	WB
	GTX83635	VMAT2 antibody [9E11]	Ms mAb	Hu, Ms	WB, ICC/IF, IHC-P, FACS
Synthesis	GTX101616	Dopamine beta Hydroxylase antibody	Rb pAb	Hu, Ms, Rat	WB, IHC-P
	GTX114098	PNMT antibody [N2C3]	Rb pAb	Hu	WB, IHC-P

Serotonin (5-HT)

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Serotonin (5-HT)	GTX31099	Serotonin antibody [5-HT-H209]	Ms mAb	Hu, Ms, Chk, Pig, RMK	ICC/IF, IHC, IHC-Fr, IHC-P
	GTX104703	5-HT1A receptor antibody [N3C1], Internal	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P, IHC-Fr
Receptor	GTX100321	5-HT1F receptor antibody [C2C3], C-term	Rb pAb	Hu	WB, IHC-P
	GTX37799	5-HT2A receptor antibody	Rb pAb	Hu, Ms, Rat	WB, IHC-P, IHC-Fr, FACS
	GTX129900	5-HT2B receptor antibody	Rb pAb	Hu, Ms	WB
	GTX70503	5-HT2B receptor antibody	Rb pAb	Hu, Rat	WB, IHC-P
	GTX100329	5-HT2C receptor antibody	Rb pAb	Hu, Ms, Rat	WB, IHC-P
	GTX13897	5-HT3A receptor antibody	Rb pAb	Hu, Ms, Rat	WB, IHC-P
	GTX131835	5-HT4 receptor antibody	Rb pAb	Ms	WB
	GTX34002	5-HT6 receptor antibody	Rb pAb	Hu, Ms, Rat	WB, IP, ELISA
	GTX108157	5-HT7 receptor antibody [N1], N-term	Rb pAb	Hu	WB, ICC/IF
	GTX133101	Serotonin Transporter antibody	Rb pAb	Rat	WB, ICC/IF
Transporter	GTX31103	Serotonin Transporter antibody, Internal	Rb pAb	Hu, Rat	WB, ICC/IF
	GTX109027	TPH1 antibody	Rb pAb	Hu	WB, ICC/IF
Synthesis	GTX101962	TPH2 antibody [N3C3]	Rb pAb	Hu, Ms, Rat	WB, ICC/IF

Glycine

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Receptor	GTX106112	Glycine Receptor alpha 1 antibody [N1C1]	Rb pAb	Hu, Rat	WB, ICC/IF, IHC-P
	GTX105634	Glycine Receptor alpha 2 antibody	Rb pAb	Hu, Ms	WB, IHC-P, IHC-Fr
	GTX108513	Glycine Receptor alpha 3 antibody	Rb pAb	Hu	WB
	GTX66030	AMT antibody	Rb pAb	Hu, Ms, Rat	WB
Synthesis & Degradation	GTX101245	DLD antibody	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX110267	Glycine dehydrogenase antibody [N3C2-2], Internal	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P, IP
	GTX103195	SHMT1 antibody	Rb pAb	Hu	WB
	GTX125939	SHMT2 antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P

γ-aminobutyric acid (GABA)

	Cat. No.	Product Name	Clonality	Reactivity	Applications
GABA	 GTX125988	GABA antibody	Rb pAb	Hu, Ms, Rat, Dm	ICC/IF, IHC-P, IHC-Fr, Dot, IHC
	GTX134714	beta-Hydroxy-GABA antibody	Rb pAb	Rat	ICC/IF, Dot, ELISA
Receptor	GTX133261	GABA A Receptor alpha 1 antibody	Rb pAb	Ms, Rat	WB
	 GTX104027	GABA A Receptor alpha 1 antibody [N1C1]	Rb pAb	Hu, Rat	WB, IHC-P
	 GTX82689	GABA A Receptor alpha 2 antibody	Rb pAb	Ms, Rat	WB
	GTX105282	GABA A Receptor alpha 2 antibody [N1C2]	Rb pAb	Hu, Rat	WB
	 GTX31001	GABA A Receptor alpha 3 antibody	Rb pAb	Ms, Rat	WB
	GTX31003	GABA A Receptor alpha 4 antibody, Internal	Rb pAb	Hu	WB, IHC-P
	GTX118345	GABA A Receptor alpha 5 antibody [N2C2], Internal	Rb pAb	Hu	WB
	GTX130947	GABA A Receptor alpha 6 antibody	Rb pAb	Ms, Rat	WB
	GTX42019	GABA A Receptor beta 1 antibody [S96-55]	Ms mAb	Hu, Ms, Rat	WB, ICC/IF
	GTX54094	GABA A Receptor beta 2 antibody	Rb pAb	Ms	WB
	 GTX82681	GABA A Receptor beta 3 antibody	Rb pAb	Ms, Rat	WB
	 GTX82680	GABA A Receptor beta 3 (phospho Ser408/409) antibody	Rb pAb	Rat	WB
	GTX31013	GABA A Receptor gamma 2 antibody	Rb pAb	Hu, Ms, Rat, Bov, Dog, Chk, Primate	WB, IHC
	GTX31014	GABA A Receptor gamma 3 antibody	Rb pAb	Hu, Ms, Rat	WB
	GTX80429	GABA A Receptor delta antibody, Internal	Rb pAb	Hu, Ms	WB, IHC-P, FACS
	GTX102511	GABA B Receptor 1 antibody [N2C1], Internal	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX133165	GABA B Receptor 1 antibody	Rb pAb	Ms, Rat	WB
	 GTX105986	GABA B Receptor 2 antibody [N2C1], Internal	Rb pAb	Hu, Rat	WB, IHC-Fr
Transporter	 GTX133150	GABA Transporter 1 / GAT1 antibody	Rb pAb	Ms, Rat	WB, ICC/IF, IHC-P, IHC-Fr
	 GTX637107	VGAT antibody [HL1616]	Rec Rb mAb	Hu, Ms	WB, IHC-P
Synthesis	 GTX636493	GAD65 antibody [HL1187]	Rec Rb mAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	 GTX636279	GAD67 antibody [HL1095]	Rec Rb mAb	Hu, Ms, Rat	WB, ICC/IF
	 GTX636280	GAD67 antibody [HL1096]	Rec Rb mAb	Hu, Ms, Rat	WB, IHC-P
	 GTX636487	GAD65 + GAD67 antibody [HL1181]	Rec Rb mAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P

Trace Amines

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Receptor	GTX70597	TA1 antibody	Rb pAb	Hu	WB, IHC-P
	GTX71785	TA3 antibody	Rb pAb	Hu	IHC-P
	GTX70803	Trace Amine receptor 4 antibody	Rb pAb	Hu	IHC-P
	GTX108240	TAAR5 antibody [C2C3], C-term	Rb pAb	Hu, Ms	WB, ICC/IF
	GTX71819	GPCR GPR58 antibody	Rb pAb	Hu	IHC-P
	GTX13281	GPR102 antibody	Rb pAb	Hu	IHC-P

Acetylcholine (ACh)

	Cat. No.	Product Name	Clonality	Reactivity	Applications
Acetylcholine	GTX12585	Acetylcholine antibody [GT9014]	Ms mAb	Other	ELISA, ICC/IF
Nicotinic Receptor (nAChR)	GTX22804	AChR antibody [88B]	Ms mAb	Hu, Ms, Chk, Rat, Amph, Fsh, Rb	WB, ELISA, ICC/IF, IHC-Fr, IHC-P, IP
	GTX32423	AChR alpha 1 antibody	Rb pAb	Hu, Ms	WB
	GTX105495	AChR alpha 3 antibody	Rb pAb	Hu	WB, ICC/IF
	 GTX113653	AChR alpha 4 antibody [N1C1]	Rb pAb	Hu, Hm	WB, IHC-P
	GTX55490	AChR alpha 5 antibody	Rb pAb	Hu, Ms	WB
	GTX32988	AChR beta 1 antibody	Rb pAb	Ms	WB
	 GTX113654	AChR beta 2 antibody [N1C1]	Rb pAb	Ms, Rat	WB, IHC-P
	GTX88687	AChR beta 3 antibody, Internal	Gt pAb	Hu	WB
	GTX31080	AChR beta 4 antibody	Rb pAb	Hu	WB, IHC
	GTX118362	AChR gamma antibody	Rb pAb	Hu	WB
Muscarinic Receptor (mAChR)	GTX77688	AChR epsilon antibody, N-term	Rb pAb	Hu	WB
	 GTX31062	mAChR M1 antibody, C-term	Gt pAb	Hu, Ms	WB
	 GTX22805	mAChR M2 antibody [31-1D1]	Ms mAb	Hu, Ms, Pig, Rat	WB, FACS, ICC/IF, IHC-P, IP
	 GTX111637	mAChR M3 antibody	Rb pAb	Hu, Ms	WB, FACS, ICC/IF, IHC-Fr
	GTX71307	mAChR M4 antibody	Rb pAb	Hu	IHC-P
Transporter	GTX53955	mAChR M5 antibody	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX133251	Vesicular Acetylcholine Transporter antibody	Rb pAb	Ms	WB, IHC-Fr, IHC-P
Synthesis & Degradation	 GTX113164	Choline Acetyltransferase antibody [N1N3]	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-Fr, IHC-P
	 GTX22803	AChE antibody [HR2]	Ms mAb	Hu, Ms, Cat, Gpig, Rb, Bov	WB, ELISA, ICC/IF, IHC, IHC-Fr, IHC-P, IP
	GTX101648	AChE antibody	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-Fr, IHC-P

Glutamate



	Cat. No.	Product Name	Clonality	Reactivity	Applications
Glutamate	GTX132945	GluR1 antibody	Rb pAb	Ms, Rat	WB, IHC-Fr
	GTX82669	GluR1 (phospho Ser831) antibody	Rb pAb	Ms, Rat	WB
AMPA receptor	GTX30221	GluR1 (phospho Ser845) antibody	Rb pAb	Rat	WB, ICC/IF, IHC
	GTX60613	GluR2 antibody [7G6]	Ms mAb	Hu	WB, FACS, ELISA
	GTX52325	GluR2 (phospho Ser880) antibody	Rb pAb	Hu, Ms, Rat	WB, IHC
	GTX32626	GluR3 antibody	Rb pAb	Hu, Ms	WB, ICC/IF
	GTX88589	GluR4 antibody, Internal	Rb pAb	Hu	WB, IHC-P
	GTX32189	GluR4 (phospho Ser862) antibody	Rb pAb	Hu, Ms, Rat	WB
	GTX31033	GluR5/GRIK1 antibody	Rb pAb	Hu, Ms, Rat	WB, ELISA, IHC, IHC-P
Kainate receptor	GTX55640	GluR6/GRIK2 antibody	Rb pAb	Hu, Ms	WB, ICC/IF
	GTX108489	GluR7/GRIK3 antibody [C3], C-term	Rb pAb	Hu	WB
	GTX85044	KA1/GRIK4 antibody	Rb pAb	Hu, Ms, Rat	WB, ELISA, IHC-P
	GTX85043	KA2/GRIK5 antibody	Rb pAb	Hu, Ms, Rat	WB, ELISA, IHC-P
Metabotropic receptor	GTX37416	mGluR1 antibody	Rb pAb	Hu, Ms, Rat	WB, ELISA, IHC-P
	GTX71711	mGluR2 antibody	Rb pAb	Hu	IHC-P
	GTX31056	mGluR2/3 antibody	Rb pAb	Hu, Ms, Rat	WB, ELISA, IHC, IHC-P
	GTX108212	mGluR3 antibody [C3], C-term	Rb pAb	Hu, Ms, Rat	WB, ICC/IF
	GTX55859	mGluR4 antibody	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX133288	mGluR5 antibody	Rb pAb	Ms, Rat	WB, ICC/IF
	GTX108234	mGluR6 antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P
	GTX31060	mGluR7 antibody	Gt pAb	Hu	WB
NMDA receptor	GTX82651	mGluR7 (phospho Ser862) antibody	Rb pAb	Ms, Rat	WB
	GTX133097	NMDAR1 antibody	Rb pAb	Ms, Rat, Dog	WB, ICC/IF, IHC-Fr, IHC-P
	GTX50168	NMDAR1 (phospho Ser896) antibody	Rb pAb	Ms	WB
	GTX134086	NMDAR2A antibody	Rb pAb	Ms, Rat	WB, ICC/IF
	GTX130184	NMDAR2B antibody	Rb pAb	Ms, Rat	WB, ICC/IF, IHC-P
	GTX109713	NMDAR2B antibody [C2C3], C-term	Rb pAb	Hu, Ms, Rat	WB, ICC/IF
	GTX130183	NMDAR2B (phospho Tyr1472) antibody	Rb pAb	Ms, Rat	WB, ICC/IF
	GTX82629	NDMAR2C antibody	Rb pAb	Hu, Ms, Rat	WB
Transporter	GTX37591	NDMAR2D antibody	Rb pAb	Rat	WB, IP
	GTX88061	NMDAR3B antibody, C-term	Rb pAb	Hu	WB
	GTX133148	vGluT1 antibody	Rb pAb	Ms, Rat	WB
	GTX133142	vGluT2 antibody	Rb pAb	Ms, Rat	WB, ICC/IF, IHC-Fr, IHC-P
	GTX134103	vGluT3 antibody	Rb pAb	Ms, Rat	WB, ICC/IF, IHC-Fr
	GTX133267	vGluT3 antibody	Rb pAb	Ms	WB, ICC/IF
	GTX134059	EAAT1 antibody	Rb pAb	Hu, Ms, Rat	IHC-P
	GTX134060	EAAT1 antibody	Rb pAb	Ms, Rat	WB, IHC-Fr, IHC-P
Synthesis	GTX20262	EAAT1 antibody	Rb pAb	Hu, Ms, Rat, Bov	WB, ICC/IF, IHC-P, IHC-Fr, FACS, ELISA
	GTX134062	EAAT2 antibody	Rb pAb	Ms, Rat	WB, IHC-P
	GTX46834	EAAT3 antibody, N-term	Rb pAb	Hu	WB
	GTX134097	EAAT4 antibody	Rb pAb	Ms, Rat	WB, IHC-P
	GTX134100	EAAT4 antibody	Rb pAb	Ms, Rat	ICC/IF, IHC-Fr, IHC-P
	GTX134109	EAAT5 / SLC1A7 antibody	Rb pAb	Ms	IHC-P
	GTX134113	EAAT5 / SLC1A7 antibody	Rb pAb	Ms, Rat	WB, ICC/IF
	GTX30043	ALDH4A1 antibody	Rb pAb	Hu, Ms	WB, ICC/IF
	GTX114982	Glutaminase antibody [C1C3]	Rb pAb	Ms	WB
	GTX81012	GLS antibody, C-term	Rb pAb	Hu, Ms, Rat	WB, FACS, ICC/IF, IHC-P
	GTX133242	GLS2 antibody	Rb pAb	Ms, Rat	WB
	GTX131263	Glutaminase C antibody	Rb pAb	Hu, Ms	WB, ICC/IF, IHC-P, IP
	GTX632317	Glutaminase C antibody [GT3211]	Ms mAb	Hu, Ms	WB, ICC/IF, IHC-P
	GTX632265	Glutaminase C (GAC) antibody [GT1075]	Ms mAb	Hu	WB, ICC/IF
	GTX105765	Glutamate Dehydrogenase antibody	Rb pAb	Hu, Ms, Rat	WB, ELISA, ICC/IF, IHC-P
	GTX112361	Glutamate Dehydrogenase 1+2 antibody	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX88164	Glutamate Dehydrogenase antibody, Internal	Gt pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P
	GTX112952	GPT antibody [N2C2], Internal	Rb pAb	Hu	WB, IHC-P
	GTX109121	Glutamine synthetase antibody	Rb pAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX630654	Glutamine synthetase antibody [GT1055]	Ms mAb	Hu, Ms, Rat	WB, ICC/IF, IHC-P, IHC-Fr

