

Neuropeptides

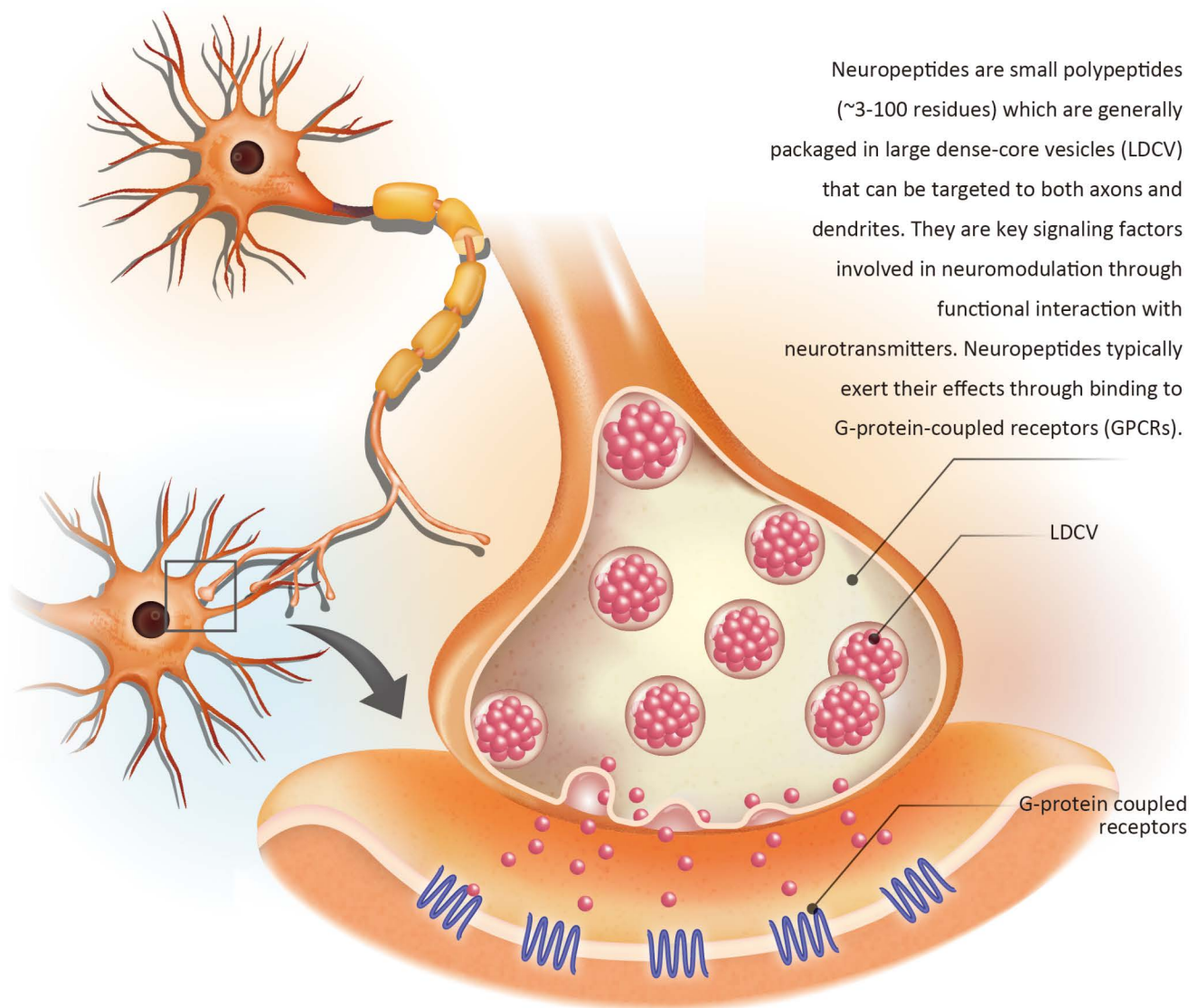
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Your Expertise

Our Antibodies

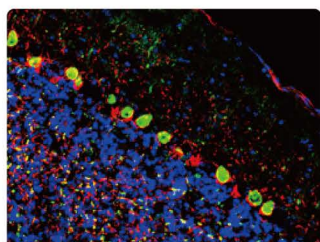
Accelerated Discovery

Neuropeptides are small polypeptides (~3-100 residues) which are generally packaged in large dense-core vesicles (LDCV) that can be targeted to both axons and dendrites. They are key signaling factors involved in neuromodulation through functional interaction with neurotransmitters. Neuropeptides typically exert their effects through binding to G-protein-coupled receptors (GPCRs).

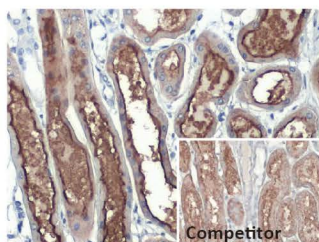


Highlighted Products

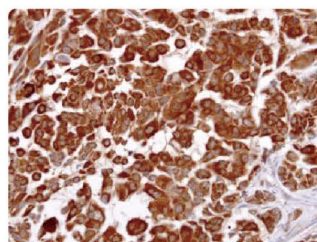
Recombinant
 Citation Support
 KO/KD Validation
 Comparative Abs
 Orthogonal Validation
 Protein Overexpression



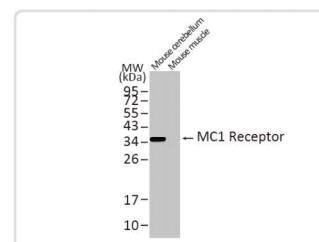
CGRP antibody
(GTX134005)



ACE2 antibody [HL1092]
(GTX636265)



LHR antibody [C3], C-term
(GTX100008)



MC1 Receptor antibody [HL1470]
(GTX636944)

Pituitary hormones

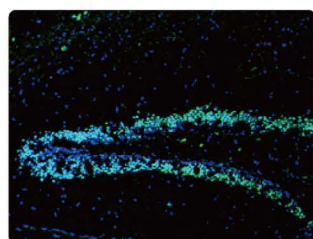
	Cat. No.	Product Name	Clonality	Reactivity	Applications
Adrenocorticotrophic hormone (ACTH)	GTX34388	ACTH antibody [57]	Ms mAb	Hu,Ms,Rat	ICC/IF, IHC-P, FACS, ELISA
Melanocortin	 GTX89560	POMC antibody	Gt pAb	Hu,Ms	WB, IHC-P
	GTX16519	POMC antibody	Rb pAb	Hu,Ms,Rat	ELISA
	GTX52536	AGRP antibody [32B12]	Ms mAb	Hu	WB
	GTX89559	AGRP antibody, C-term	Gt pAb	Hu	IHC-Fr
	 GTX108190	MC1 Receptor antibody [C2C3], C-term	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P
	  GTX636944	MC1 Receptor antibody [HL1470]	Rec Rb mAb	Hu,Ms	WB
	GTX87598	MC2 Receptor antibody	Rb pAb	Hu	WB, ICC/IF
	GTX64785	MC3 Receptor antibody	Rb pAb	Ms,Rat	WB
	GTX81071	MC3 Receptor antibody, Internal	Rb pAb	Hu	WB, FACS
	 GTX70733	MC4 Receptor antibody	Rb pAb	Hu,Mk,Hrs	ICC/IF, IHC-P
	GTX31382	MC4 Receptor antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P, ELISA
	GTX88470	MC5R antibody, N-term	Gt pAb	Hu,Ms	WB, IHC-P
Endorphin	GTX11140	alpha Neo Endorphin antibody	Rb pAb	Hu	IHC-Fr, RIA
	GTX21419	beta Endorphin antibody [B31.15]	Ms mAb	Hu	IHC-P, IHC-Fr
Growth hormone (GH)	 GTX34768	Growth Hormone antibody [GH/1371]	Ms mAb	Hu	IHC-P, Protein Array
	GTX101220	Growth Hormone antibody [N1C3]	Rb pAb	Hu	WB, IHC-P
	GTX12082	Growth hormone Receptor antibody	Rb pAb	Ms,Rat	WB
	 GTX101192	Growth hormone Receptor antibody [N3C2], Internal	Rb pAb	Hu	IHC-P
Prolactin (PRL)	GTX83802	Prolactin antibody [6B1]	Ms mAb	Hu	WB, ICC/IF, IHC-P, FACS
	GTX114138	Prolactin antibody [N1C3]	Rb pAb	Hu	WB, IHC-P
	 GTX22773	Prolactin Receptor antibody [T6]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC
	 GTX22772	Prolactin Receptor antibody [U5]	Ms mAb	Hu,Ms,Rat,Rb,Bov,Hm,Pig,Hrs,Primate	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP, Neutralizing/Inhibition
Follicle stimulating hormone (FSH)	 GTX84474	FSH beta antibody [3A9]	Ms mAb	Hu,Dog	WB, ICC/IF, FACS
	 GTX108202	FSH Receptor antibody [C3], C-term	Rb pAb	Hu	WB, ICC/IF
Luteinizing hormone (LH)	GTX40537	LH antibody [090-11412]	Ms mAb	Hu	ELISA, Sandwich ELISA
	GTX81236	LH beta antibody, C-term	Rb pAb	Hu,Ms	WB, IHC-P
	 GTX100008	LHR antibody [C3], C-term	Rb pAb	Hu,Ms	WB, IHC-P
	GTX01864	TSH antibody [QB2/6]	Ms mAb	Hu	IHC-P
	GTX26074	TSH beta antibody [TSB4] (HRP)	Ms mAb	Hu	ELISA, Sandwich ELISA
	GTX25492	TSH receptor antibody [49]	Ms mAb	Hu,Pig	WB, ICC/IF, ELISA
	 GTX47974	TSH receptor antibody [4C1]	Ms mAb	Hu	WB, IHC-P, IHC-Fr, FACS, IP
Vasopressin	 GTX89114	AVPR1A antibody, Internal	Gt pAb	Hu,Ms,Rat, Lasiopodomys mandarinus	WB
	GTX78015	AVPR1B antibody	Rb pAb	Hu,Rat,Rb,Bov,Dog,Pig,Bat,Hrs	IHC-P
	GTX03388	AVPR1B antibody	Rb pAb	Ms,Rat	WB
	GTX70835	AVPR2 antibody	Rb pAb	Hu,Ms,Rat,Rb,Hm,Mk	IHC-P
	GTX55528	AVPR2 antibody	Rb pAb	Hu,Mk	WB
Oxytocin	GTX88457	Oxytocin antibody, C-term	Gt pAb	Hu	IHC-Fr
	GTX89340	Oxytocin Receptor antibody, Internal	Gt pAb	Hu	IHC-P, FACS

From other tissues

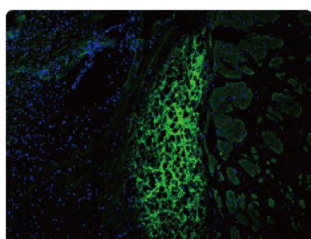
	Cat. No.	Product Name	Clonality	Reactivity	Applications
Angiotensin	 GTX103824	Angiotensinogen antibody [N1C3]	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX44411	Angiotensin I/II/III antibody [B938M]	Ms mAb	Hu	ELISA
	GTX31793	AGTR1 antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P, ELISA
Bradykinin	GTX132965	AGTR1 antibody	Rb pAb	Hu	WB
	 GTX79393	AGTR2 antibody	Rb pAb	Hu,Rat	WB, ICC/IF, IHC-P
	GTX14391	Bradykinin antibody	Rb pAb	Hu	ELISA
	GTX35257	Bradykinin B1 receptor antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-Fr
	GTX81059	Bradykinin B1 receptor antibody, Internal	Rb pAb	Hu	WB, FACS
	GTX64939	BDKRB2 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF
Carnosine	GTX109366	CNDP1 antibody	Rb pAb	Hu	WB, IHC-P
Calcitonin	GTX49364	Calcitonin antibody [4]	Ms mAb	Hu,Rat	WB, IHC-P, ELISA
	 GTX134005	CGRP antibody	Rb pAb	Ms,Rat	ICC/IF, IHC-P, IHC-Fr
	GTX130873	Calcitonin Receptor antibody	Rb pAb	Hu	WB

Peptides acting on gut & brain

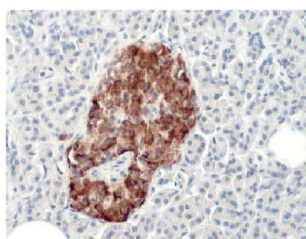
	Cat. No.	Product Name	Clonality	Reactivity	Applications
Opiate peptide	Ⓢ GTX26542	Leu Enkephalin antibody [M09201]	Ms mAb	Hu	IHC-Fr
	Ⓢ GTX42620	Met Enkephalin antibody	Rb pAb	Hu,Rat,Gpig,Pig,Turbot	IHC-P, IHC (Resin sections)
	GTX65945	ProDynorphin antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P
	Ⓢ GTX108125	Mu Opioid receptor antibody [N1], N-term	Rb pAb	Hu	WB, IHC-P
	GTX57751	Mu Opioid receptor antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-Fr, FACS, LCI
	GTX71799	delta Opioid receptor antibody	Rb pAb	Hu	IHC-P
	Ⓢ GTX03211	delta Opioid receptor antibody [GT1299]	Rec Rb mAb	Hu,Ms,Rat	WB
	Ⓢ GTX108164	Kappa Opioid Receptor antibody	Rb pAb	Hu	WB
	Ⓢ GTX78005	Kappa Opioid Receptor antibody	Rb pAb	Hu,Rat,Rb,Dog,Mk,Hrs	IHC-P
	GTX32765	Zeta Opioid Receptor antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX00663	Nociceptin antibody	Rb pAb	Rat	WB, IHC-P
	GTX37594	Nociceptin Receptor antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr
Gastrin and cholecystokinin (CCK)	GTX57227	Gastrin antibody	Rb pAb	Hu,Ms	IHC-P
	GTX47744	Cholecystokinin antibody, Internal	Rb pAb	Hu	WB
	GTX89386	CCKAR antibody, Internal	Goat pAb	Hu,Rat	ICC/IF, IHC-P
	GTX100347	CCKBR antibody [C1C2], Internal	Rb pAb	Hu	WB, IHC-P
Gastrin releasing peptide (GRP)	GTX54161	GRP antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF
	Ⓢ GTX100015	GRPR antibody [C1C2], Internal	Rb pAb	Hu,Ms,Rat	WB
Motilin	GTX46598	Motilin antibody, Internal	Rb pAb	Hu	WB
	GTX34080	Motilin receptor antibody	Rb pAb	Hu	WB
Neurotensin	Ⓢ GTX37368	Neurotensin antibody	Rb pAb	Ms,Rat	IHC-P, IHC
	GTX34103	Neurotensin antibody	Rb pAb	Hu	WB
	GTX02541	NTR1 antibody	Rb pAb	Hu,Rat	WB, ICC/IF, IHC-P, IHC-Fr, FACS
	GTX87621	NTSR2 antibody	Rb pAb	Hu	WB, ICC/IF
Tachykinin	Ⓢ GTX38990	Substance P antibody [NC1/34]	Rat mAb	Hu,Ms,Rat,Zfsh,Rb,Sheep,Bov,Chk,Gpig,Pig, Bichir,Bullfrog,Calanus sp.,Cml,Chinchilla, Cockroach,Cowbird,Cyfish,Homarus sp.,Lamprey, Mudpuppy, Panilurus sp.,Pgn,Spadefoot toad	ICC/IF, IHC-P, IHC-Fr
	GTX30464	Neurokinin B antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr, IHC
	Ⓢ GTX03228	Neurokinin 1 Receptor antibody [GT1316]	Rec Rb mAb	Hu,Ms,Rat	WB
	GTX37597	Neurokinin 2 Receptor antibody	Rb pAb	Rat	IHC-P
	GTX13136	Neurokinin 3 Receptor antibody	Rb pAb	Hu,Ms	WB, IHC-P, ELISA
Vasoactive intestinal peptide (VIP)	Ⓢ GTX129461	VIP antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX13287	VIP receptor 1 antibody	Rb pAb	Hu	IHC-P
	GTX100325	VPAC2 antibody	Rb pAb	Hu	WB
	GTX70757	VPAC2 antibody	Rb pAb	Hu	IHC-P
Insulin	Ⓢ GTX636833	Insulin antibody [HL1393]	Rec Rb mAb	Hu,Ms,Rat	IHC-P
	Ⓢ GTX101136	Insulin Receptor antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	Ⓢ GTX25678	Insulin Receptor (phospho Tyr960) antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF
Glucagon	GTX112806	Glucagon antibody [N1C3-2]	Rb pAb	Hu	WB
	GTX60952	GLP1 antibody [10]	Ms mAb	Hu	WB, ELISA
	Ⓢ GTX17606	GLP1R antibody	Gt pAb	Hu,Rat,Pig	WB, ICC/IF, FACS
	GTX70763	Glucagon like peptide 2 receptor antibody	Rb pAb	Hu,Gpig,Mk	WB, ICC/IF, IHC-P, IP
Neuropeptide Y	Ⓢ GTX133138	Neuropeptide Y antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	Ⓢ GTX10980	Neuropeptide Y antibody	Rb pAb	Hu,Ms,Rat,Sheep,Pig	IHC-Fr, ELISA
	Ⓢ GTX54639	NPY1R antibody	Rb pAb	Ms,Rodent	WB, IHC-P
	Ⓢ GTX80745	NPY2R antibody	Rb pAb	Ms,Rat	WB, IHC
	Ⓢ GTX22074	CXCR4 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP, ELISA
	GTX129719	CXCR4 antibody	Rb pAb	Hu	WB
	GTX71023	NPY4R antibody	Rb pAb	Hu,Mk,Hrs	IHC-P
	GTX87079	NPY5R antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P



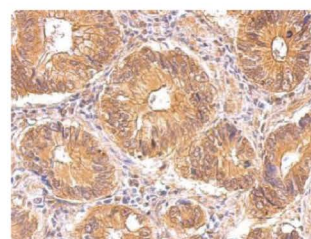
Neuropeptide Y antibody
(GTX133138) Ⓢ



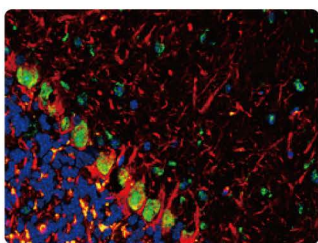
VIP antibody (GTX129461) Ⓢ



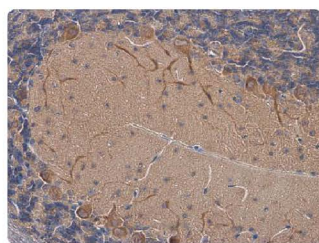
Insulin antibody [HL1393]
(GTX636833) Ⓢ



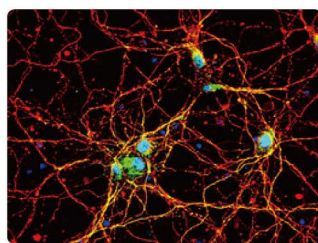
Insulin Receptor antibody
(GTX101136) Ⓢ



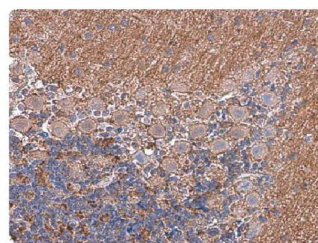
Somatostatin antibody
(GTX133119)



Somatostatin receptor 1 antibody
(GTX130041)



Somatostatin receptor 3 antibody
(GTX130114)



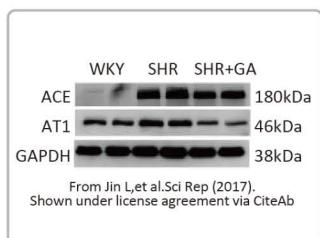
TRH Receptor antibody [C2C3],
C-term (GTX100030)

Hypothalamic Releasing Factors

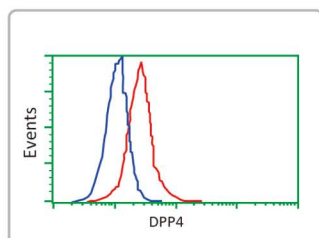
	Cat. No.	Product Name	Clonality	Reactivity	Applications
Corticotropin releasing hormone (CRH/CRF)	GTX31922	CRF antibody	Rb pAb	Hu	WB, IHC-P, ELISA
	GTX101251	CRF antibody [N1C3]	Rb pAb	Hu	IHC-P
	GTX130244	CRHR1 antibody	Rb pAb	Hu,Ms,Rat	WB
	GTX100180	CRHR1 antibody [N1N2], N-term	Rb pAb	Hu,Ms	WB, IHC-P
	GTX88961	CRHR1 (aa 107 - 117) antibody, Internal	Gt pAb	Hu,Ms,Rat	WB, ICC/IF, IHC
	GTX89157	CRHR1 (aa 250 - 263) antibody, Internal	Gt pAb	Hu	ICC/IF, IHC-P
Growth hormone releasing hormone (GHRH)	GTX108177	CRHR2 antibody [N1], N-term	Rb pAb	Hu	WB
	GTX66871	CRHR1 + CRHR2 antibody	Rb pAb	Hu,Ms,Rat	WB
Gonadotropin releasing hormone (GnRH)	GTX54141	GHRH antibody	Rb pAb	Hu	WB
	GTX81311	GHRH antibody, N-term	Rb pAb	Hu	WB, ICC/IF, IHC-P
Somatostatin	GTX64650	GnRH1 antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P
	GTX53607	GnRH2 antibody	Rb pAb	Hu	WB, FACS
	GTX35245	GnRHR antibody	Rb pAb	Ms,Rat	WB, IHC-P
	GTX636297	Somatostatin antibody [HL1101]	Rec Rb mAb	Ms,Rat	WB, ICC/IF, IHC-P
	GTX133119	Somatostatin antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX130041	Somatostatin receptor 1 antibody	Rb pAb	Hu,Ms	WB, IHC-P
	GTX116054	Somatostatin receptor 2 antibody [C2C3], C-term	Rb pAb	Hu	WB
	GTX130114	Somatostatin receptor 3 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX79241	Somatostatin receptor 4 antibody	Rb pAb	Ms,Rat	WB, ICC/IF, IHC-P
	GTX66259	Thyrotropin releasing hormone antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF
Thyrotropin release hormone (TRH)	GTX37532	Thyrotropin releasing hormone antibody	Rb pAb	Hu,Rat	IHC-P
	GTX100030	TRH Receptor antibody [C2C3], C-term	Rb pAb	Hu,Rat	WB, ICC/IF, IHC-P

Neuropeptide Degrading Enzymes

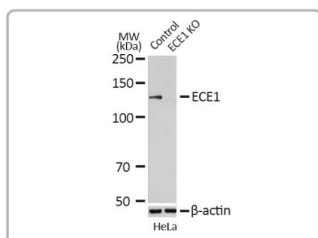
	Cat. No.	Product Name	Clonality	Reactivity	Applications
	GTX100923	ACE antibody	Rb pAb	Hu,Ms,Rat	WB
	GTX636265	ACE2 antibody [HL1092]	Rec Rb mAb	Hu,AGMK	WB, ICC/IF, IHC-P
	GTX635897	ACE2 antibody [GT19410]	Ms mAb	Hu,Ms	WB, ICC/IF, IHC-P, ELISA, Lateral Flow, Sandwich ELISA
	GTX101395	ACE2 antibody [N1N2], N-term	Rb pAb	Hu,Ms,Rat,AGMK	WB, ICC/IF, IHC-P, FACS, ELISA
	GTX00904	ACE3 antibody	Rb pAb	Ms	WB, ICC/IF, IP
	GTX135137	CD26 antibody	Rb pAb	Hu	WB
	GTX84602	CD26 antibody [11D7]	Ms mAb	Hu,Ms	WB, ICC/IF, IHC-P, FACS, ELISA
	GTX54043	ECE1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX78376	CD10 antibody [LT10] (FITC)	Ms mAb	Hu	FACS
	GTX111680	CD10 antibody [N2C1], Internal	Rb pAb	Hu,Ms,Rat	WB, IHC-P



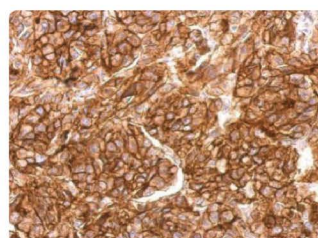
ACE antibody
(GTX100923)



CD26 antibody [11D7]
(GTX84602)



ECE1 antibody
(GTX54043)



CD10 antibody [N2C1], Internal
(GTX111680)

