

Amyotrophic Lateral Sclerosis

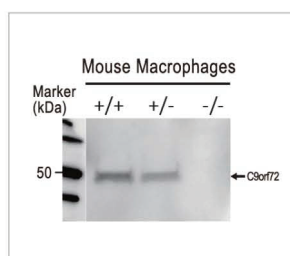
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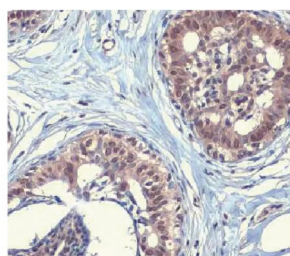
Amyotrophic lateral sclerosis (ALS) is an invariably fatal adult-onset neurodegenerative disorder characterized by the progressive loss of both upper and lower motor neurons. The major clinical presentation of ALS is muscle weakness and atrophy affecting speech, swallowing, and movement, with respiratory failure being the most common reason for death usually within 3-5 years of diagnosis. Though the cause is unknown, recent studies have identified several genes associated with the disease including *SOD1*, *TARDBP*, *FUS*, *C9orf72*, *C21orf2*, and most recently *NEK1*.

GeneTex is proud to offer exceptional antibodies against these targets relevant to ALS. Please see the examples highlighted below and the accompanying table to find the reagent that facilitates your ALS research.

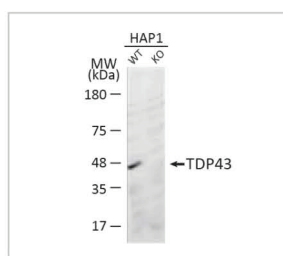
Highlighted Products



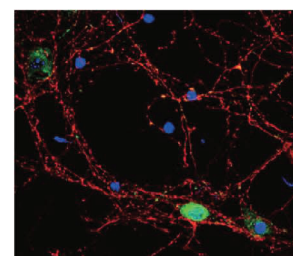
C9orf72 antibody
(GTX632041)



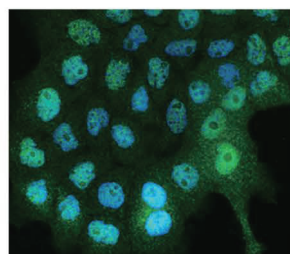
SOD1 antibody [HL1652]
(GTX637250)



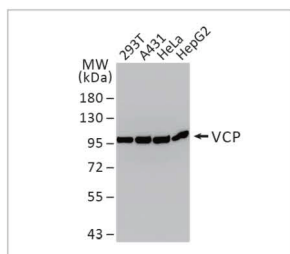
TDP43 antibody [GT733]
(GTX630197)



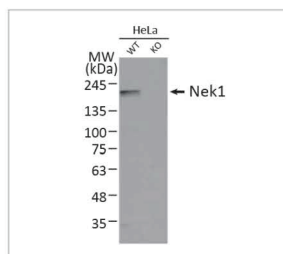
VAPB antibody
(GTX131631)



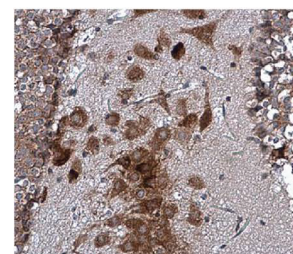
C21orf2 antibody [N1C2]
(GTX119046)



VCP antibody
(GTX101089)



Nek1 antibody
(GTX130828)



ATXN2 antibody
(GTX130329)

Highlighted Products

	Cat. No.	Product Name	Clonality	Reactivity	Applications
	GTX130329	ATXN2 antibody	Rb pAb	Hu,Ms	WB, IHC-P, IP
	GTX119046	C21orf2 antibody [N1C2]	Rb pAb	Hu	WB, ICC/IF, IHC-P
	GTX634482	C9orf72 antibody [GT1553]	Ms mAb	Hu,Ms	WB, IHC-P
	GTX635398	C9orf72 antibody [GT1553-RB]	Rec Rb mAb	Hu,Ms,Rat	WB, ICC/IF
	GTX632041	C9orf72 antibody [GT779]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP
	GTX635397	C9orf72 antibody [GT779-RB]	Rec Rb mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX100231	DCTN1 antibody [C3], C-term	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX110048	FIG4 antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P
	GTX113486	Galectin 3 antibody	Rb pAb	Hu,Rat,Dog	WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA
	GTX125897	Galectin 3 antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-P, IHC-Fr, ELISA, Sandwich ELISA
	GTX635155	Galectin 3 antibody [GT12712]	Ms mAb	Hu	WB, ICC/IF, IHC-P, ELISA, Sandwich ELISA
	GTX114078	Gelsolin antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP
	GTX101185	Gelsolin antibody [C2C3], C-term	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX633690	Gelsolin antibody [GT1656]	Ms mAb	Hu,Ms,Rat	WB, IHC-P
	GTX130498	Gemin 5 antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P, IP
	GTX101277	HMGB1 antibody	Rb pAb	Hu,Ms,Rat,Pig	WB, ICC/IF, IHC-P, IHC
	GTX127344	HMGB1 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX629445	HMGB1 antibody [GT427]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-Fr
	GTX628834	HMGB1 antibody [GT383]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr
	GTX101144	HSC70 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX111069	HSC70 antibody [N2C1], Internal	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P
	GTX635461	Sodium/Potassium ATPase alpha 1 antibody [HL114]	Rec Rb mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX30202	Sodium/Potassium ATPase alpha 1 antibody [464.6(6H)]	Ms mAb	Hu,Ms,Rat,Yeast,Rb,Dm,Bov,Dog,Gpig,Pig,Xenopus,Primate	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX130828	Nek1 antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IP
	GTX105447	Optineurin antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P, IP
	GTX132575	Optineurin antibody	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P, IP
	GTX102005	Peripherin antibody	Rb pAb	Hu	WB, ICC/IF, IHC-P
	GTX120605	SCFD1 antibody [N2C1], Internal	Rb pAb	Hu	WB, IHC-P
	GTX101047	SMN1 antibody	Rb pAb	Hu	WB, ICC/IF
	GTX118263	SMNDC1 antibody [N1C3-2]	Rb pAb	Hu,Ms	WB, ICC/IF, IHC-P
	GTX100554	SOD1 antibody	Rb pAb	Hu,Ms,Rat,Allg,Bird	WB, IHC-P, ELISA, Sandwich ELISA
	GTX100659	SOD1 antibody	Rb pAb	Hu,Ms,Rat	WB, IHC-Fr
	GTX637250	SOD1 antibody [HL1652]	Rec Rb mAb	Rat	IHC-P
	GTX100685	SQSTM1 / P62 antibody [N3C1], Internal	Rb pAb	Hu,Ms,Rat,Bov,Honeybee,Mosq	WB, ICC/IF, IHC-P, FACS, IP, PLA
	GTX636328	SQSTM1 / P62 antibody [HL1113]	Rec Rb mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX629890	SQSTM1 / P62 antibody [GT1478]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-Fr, FACS
	GTX134001	SQSTM1 / P62 (phospho Ser349) antibody	Rb pAb	Hu	WB
	GTX128171	SQSTM1 / P62 (phospho Ser403) antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, FACS, IHC
	GTX114210	TDP43 antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IP, ChIP-seq, RIP
	GTX630197	TDP43 antibody [GT733]	Ms mAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P
	GTX101089	VCP antibody	Rb pAb	Hu,Ms,Rat	WB, ICC/IF, IHC-P, IHC-Fr, IP
	GTX113030	VCP antibody [N1N2], N-term	Rb pAb	Hu,Ms,Rat,Dog	WB, ICC/IF, IHC-P, IP

 Recombinant

 Citation Support

 KO/KD Validation

 Comparable Abs

 Orthogonal Validation

 Protein Overexpression

