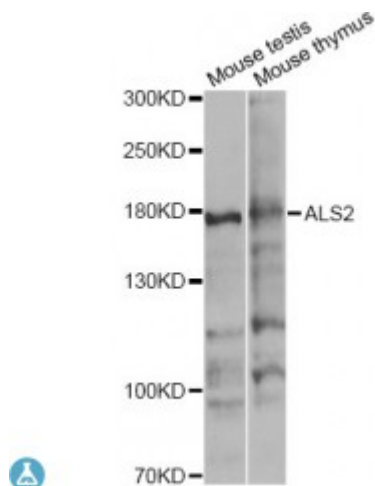


Anti-ALS2 Antibody



Description

The protein encoded by this gene contains an ATS1/RCC1-like domain, a RhoGEF domain, and a vacuolar protein sorting 9 (VPS9) domain, all of which are guanine-nucleotide exchange factors that activate members of the Ras superfamily of GTPases. The protein functions as a guanine nucleotide exchange factor for the small GTPase RAB5. The protein localizes with RAB5 on early endosomal compartments, and functions as a modulator for endosomal dynamics. Mutations in this gene result in several forms of juvenile lateral sclerosis and infantile-onset ascending spastic paralysis. Multiple transcript variants encoding different isoforms have been found for this gene.

Model	STJ116266
Host	Rabbit
Reactivity	Human, Mouse
Applications	IF, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ALS2 (NP_065970.2).
Gene ID	57679
Gene Symbol	ALS2
Dilution range	WB 1:200 - 1:2000 IF 1:50 - 1:200
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Alsin Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 6

	protein Amyotrophic lateral sclerosis 2 protein
Molecular Weight	183.634 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:4430MIM:205100 Reactome:R-HSA-8876198
Alternative Names	Alsin Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 6 protein Amyotrophic lateral sclerosis 2 protein
Function	May act as a GTPase regulator, Controls survival and growth of spinal motoneurons ,

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