ALS2 rabbit monoclonal antibody

Catalog # H00057679-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ALS2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ALS2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ALS2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — ALS2

Entrez GeneID	57679
GeneBank Accession#	ALS2
Gene Name	ALS2
Gene Alias	ALS2CR6, ALSJ, FLJ31851, IAHSP, KIAA1563, MGC87187, PLSJ
Gene Description	amyotrophic lateral sclerosis 2 (juvenile)
Omim ID	205100 606352 606353 607225
Gene Ontology	Hyperlink
Gene Summary	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 nuc leotide exchange factor for the small GTPase RAB5. The protein localizes with RAB5 on early en dosomal 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 para lysis. Multiple transcript variants encoding different isoforms have been found for this gene. [provi ded by RefSeq
Other Designations	alsin

Pathway

- Amyotrophic lateral sclerosis (ALS)

Disease

- Amyotrophic lateral sclerosis
- Genetic Predisposition to Disease
- Multiple Sclerosis
- Tobacco Use Disorder