

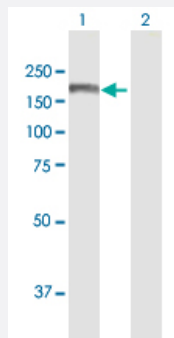
MaxPab®

ALS2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00057679-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ALS2 expression in transfected 293T cell line ([H00057679-T01](#)) by ALS2 MaxPab polyclonal antibody.

Lane 1: ALS2 transfected lysate(136.07 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ALS2 protein.
Immunogen	ALS2 (AAH71576.1, 1 a.a. ~ 1237 a.a) full-length human protein.

Sequence

MDSKKRSSTEAEGSKERGLVHWQAGSFPITPERLPGWGGKTVLQAALGVKHGVLLTEDGEVYS
FGTLPWRSGPVEICPSSPILENALVGQYVITVATGSFHSGAVTDNGVAYMWGENSAGQCAVANQ
QYVPEPNPVSIADEASPLLA VRILQLACGEEHTLALSISREIWA WGTGCQLGLITTA FPVTKPQKV
EHLAGRVLQVACGAFHSLALVQCLPSQDLKPVPERCNQCSQLLITMTDKEDHVIISDSHCCPLG
VLTLESQAENHASTALSPSTETLDRQEEVFENTLVANDQSVATELNAVSAQITSSDAMSSQQNV
MGTEISSARNIPSYPDQAVNEYLRKLS DHSVREDSEHGEKPVPSQPLLEEAI PNLSHPPTTSTS
ALNSLVVSCASAVGVRVAATYEAGALSLKKVMNFYSTTPCETGAQAGSSAIGPEGLKDSREEQV
KQESMQGKKSSSLVDIREETE GGSRRLSLPGLLSQVSPRLLRKAARVKTRTVVL TPTYSGEADA
LLPSLRIEVWTWGKGKEGQLGHGDVLPRLQPLCVKCLDGKEVIHLEAGGYHSLALTAKSQVYSW
GSNTFGQLGHSDFP TTVPR LAKISSENGVWSIAAGRDYSLFLVDTEDFQPGLYYSGRQDPTEGDN
LPENHSGSKTPVLLSCSKLGYISRV TAGKDSYLALVDKNIMGYASLHELATTERFY SKLSDIKSQI
LRPLLSLENLGT TTTVQLLQEVASRFSKLCYLIGQH GASLSSFLHGVKEARSLVILKHSSFLDSYT
EYCTSITNFLVMGGFQLLAKPAIDFLNKNQELLQDLSEVNDENTQLMEILNTLFFLP IRRRLHNYAKVL
LKLATCFEVASPEYQKLQDSSSCYECLALHLGRKRKEAEYTLGFWKTFPGKMTDSL RKPERRLL
CESSNRALSLQHAGRFSVNWFI LNDALVHAQFSTHHVFPLATLWAEPLSEEAGGVNGLKITTP E
EQFTLISSTPQEKTKWLRAISQAVDQALRGMSDLP PYGSGSSVQRQEPPISRS AKYTFYKDPRLK
DATYDGRWLSGKPHGRGV LKWPDGKMYSGMFRNGLEDGYGEYRIPNKAMNKEDHYVGHWKEG
KMCGQGVSYSASGEVFEGCFQDNMRHGHGLLRSGKLTSSSPSMFIGQWVMDKKAGYGVFDDIT
RGEKYMGMWQDDVCQGNQGVVVTQFGLYEGNFHLNKM MMGNVLLSEDDTIYEGEFSDDWTL S
GKVG N

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (90); Rat (89)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — ALS2

Entrez GeneID

[57679](#)

GeneBank Accession#	BC071576.1
Protein Accession#	AAH71576.1
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 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. [provided by RefSeq]
Other Designations	alsin

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Tobacco Use Disorder](#)