

DNAxPAb

Hard-to-Find
Antibody

ALS2 DNAxPab

Catalog # H00057679-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human ALS2 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MDSKKRSSTEAEESKERGLVHWQAGSFPITPERLPGWGGKTVLQAALGVKHGVLLTEDGEVYS
FGTLPWRS GPVEICPSSPILENALVGQYVITVATGSFHSGAVTDNGVAYMWGENSAGQCAVANQ
QYVPEPNPVS IADSEASPLLAVRILQLACGEEHTLALSISREMAWGTGCQLGLITAFPVTKPQKV
EHLAGRVLQVACGAFHSLALVQCLPSQDLKPVPERCNQCSQLLITMTDKEDHVIISDSHCCPLG
VLTESQAENHASTALSPSTETLDRQEEVFENTLVANDQSVATELNAVSAQITSSDAMSSQQNV
MGTEISSARNIPSYPDQAVNEYLRKLSDSHVREDSEHGEKPVPSQPLLEEAIPLNHSPPTTSTS
ALNSLVVSCASAVGVRVAATYEAGALSLKKVMNFYSTTPCETGAQAGSSAIGPEGLKDSREEQV
KQESMQGKKSSSLVDIREETE GGSRRLSLPGLLSQVSPRLLRKAARVKTRTVLTPYSGEADA
LLPSLRIEVWTWGKGKEGQLGHGDVLPRLQPLCVKCLDGKEVIHLEAGGYHSLALTAKSQVYSW
GSNTFGQLGHSDFPPTVPRLAKISSENGVWSIAAGRDYSLFLVDTEDFQPGLYSGRQDPTEGDN
LPENHSGSKTPVLLSCSKLGYISRVTAGKDSYLALVDKNIMGYIASLHELATTERRFYKLSDIKSQI
LRPLLSLENLGT TTTVQLLQEVASRFSKLCYLIGQH GASLSSFLHGVKEARSLVILKHSSLFLDSYT
EYCTSITNFLVMGGFQLLAKPAIDFLNKNQELLQDLSEVNDENTQLMEILNTLFFLPIRRLHNYAKVL
LKLATCFEVASPEYQKLQDSSSCYECLALHLGRKRKEA EYTLGFWKTFPGKMTDSL RKPERRLL
CESSNRALSLQHAGRFSVNWFI LFN DALVHAQFSTHHVFPLATLWAEPLSEEAGGVNGLKITTP E
EQFTLISSTPQE KTKWLRAISQAVDQALRGMSDLPYPYSGSSVQRQEPPISRS AKYTFYKDPRLK
DATYDGRWLSGKPHGRGV LKWPDGKMYSGMFRNGLEDGYGEYRIPNKAMNKEDHYVGHWKEG
KMCGQGVS YSASGEVFEGCFQDNMRHGHG LLRSGKLTSSSPSMFIGQWVMDKKAGYGVFDDIT
RGEKYMGMWQDDVCQGNGVVVTQFGLYYEGNFHLNKM MGNGVLLSEDDTYEGEFSDDWTLS
GKVG N

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ALS2

Entrez GeneID [57679](#)**GeneBank Accession#** [BC071576.1](#)**Protein Accession#** [AAH71576.1](#)**Gene Name** ALS2**Gene Alias** ALS2CR6, ALSJ, FLJ31851, IAHP, 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](#)