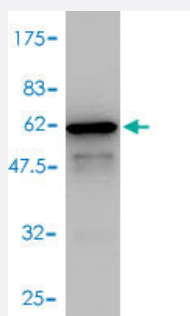


SNAP29 polyclonal antibody (A01)

Catalog # H00009342-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (54.49 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a full-length recombinant SNAP29.
Immunogen	SNAP29 (AAH09715, 1 a.a. ~ 258 a.a) full-length recombinant protein with GST tag.
Sequence	MSAYPKSYNPFDDDDGEDEGARPAPWRDARDLPDGPADADRQQYLRQEVLRRAEATAASTSR SLALMYESEKVGVASSEELARQRGVLERTEKMVDKMDQDLKISQKHINSIKSVFGGLVNYFKSKP VETPPEQNGTLTSQPNRLKEAISTSKEQEAKYQASHPNLRKLDLDDTPVPRGAGSAMSTDAYPK NPHLRAYHQKIDSNLDELSMGLGRLKDIALGMQTEIEEQDDILDRLTTKVDKLDVNIKSTERKVRQL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.49 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SNAP29

Entrez GeneID [9342](#)

GeneBank Accession# [BC009715](#)

Protein Accession# [AAH09715](#)

Gene Name SNAP29

Gene Alias CEDNIK, FLJ21051, SNAP-29

Gene Description synaptosomal-associated protein, 29kDa

Omim ID [604202 609528](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene, a member of the SNAP25 gene family, encodes a protein involved in multiple membrane trafficking steps. Two other members of this gene family, SNAP23 and SNAP25, encode proteins that bind a syntaxin protein and mediate synaptic vesicle membrane docking and fusion to the plasma membrane. The protein encoded by this gene binds tightly to multiple syntaxins and is localized to intracellular membrane structures rather than to the plasma membrane. While the protein is mostly membrane-bound, a significant fraction of it is found free in the cytoplasm. Use of multiple polyadenylation sites has been noted for this gene. [provided by RefSeq]

Other Designations soluble 29 kDa NSF attachment protein|synaptosomal-associated protein 29|vesicle-membrane fusion protein SNAP-29

Publication Reference

- [A mutation in SNAP29, coding for a SNARE protein involved in intracellular trafficking, causes a novel neurocutaneous syndrome characterized by cerebral dysgenesis, neuropathy, ichthyosis, and palmoplantar keratoderma.](#)

Sprecher E, Ishida-Yamamoto A, Mizrahi-Koren M, Rapaport D, Goldsher D, Indelman M, Topaz O, Chefetz I, Keren H, O'brien TJ, Bercovich D, Shalev S, Geiger D, Bergman R, Horowitz M, Mandel H.

American Journal of Human Genetics 2005 Jun; 77(2):242.

Application: IHC-P, Human, Skin biopsy

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Schizophrenia](#)
- [Urogenital Abnormalities](#)