

Rabbit anti-Human SNAP23 Polyclonal Antibody | anti-SNAP23 antibody

SNAP23 Antibody (C-term)

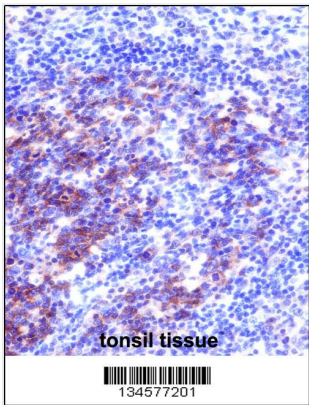
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287435	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

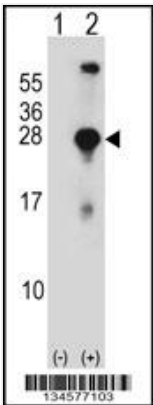
SNAP23; Polyclonal Antibody; SNAP23 Antibody (C-term); Synaptosomal-associated protein 23; SNAP-23; Vesicle-membrane fusion protein SNAP-23; anti-SNAP23 antibody

PRODUCT SPECIFICATIONS

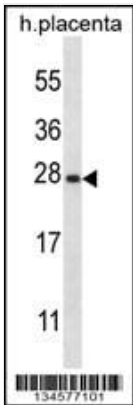
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SNAP23 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 170-199 amino acids from the C-terminal region of human SNAP23.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	170-199
Sequence Length	158
Applicable Applications for anti-SNAP23 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
SNAP23 Antibody (C-term) (AAA287435)immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of SNAP23 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of SNAP23 (arrow) using rabbit polyclonal SNAP23 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the SNAP23 gene.



WB (Western Blot)
SNAP23 Antibody (C-term) western blot analysis in human placenta tissue lysates (35ug/lane).This demonstrates the SNAP23 antibody detected the SNAP23 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SNAP23 antibody	Specificity of vesicular transport is regulated, in part, by the interaction of a vesicle-associated membrane protein termed synaptobrevin/VAMP with a target compartment membrane protein termed syntaxin. These proteins, together with SNAP25 (synaptosome-associated protein of 25 kDa), form a complex which serves as a binding site for the general membrane fusion machinery. Synaptobrevin/VAMP and syntaxin are believed to be involved in vesicular transport in most, if not all cells, while SNAP25 is present almost exclusively in the brain, suggesting that a ubiquitously expressed homolog of SNAP25 exists to facilitate transport vesicle/target membrane fusion in other tissues. The protein encoded by this gene is structurally and functionally similar to SNAP25 and binds tightly to multiple syntaxins and synaptobrevins/VAMPs. It is an essential component of the high affinity receptor for the general membrane fusion machinery and is an important regulator of transport vesicle docking and fusion. Two alternative transcript variants encoding different protein isoforms have been described for this gene.
Product Categories/Family for anti-SNAP23 antibody	Neuroscience

References	Greaves, J., et al. J. Biol. Chem. 285(32):24629-24638(2010) Bostrom, P., et al. Diabetes 59(8):1870-1878(2010) Ban, H.J., et al. BMC Genet. 11, 26 (2010) : Kean, M.J., et al. J. Cell. Sci. 122 (PT 22), 4089-4098 (2009) : Gratacos, M., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 150B (6), 808-816 (2009) :
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18765729
NCBI GeneID	8773
NCBI Accession #	NP_003816.2; NP_570710.1
NCBI GenBank Nucleotide #	NM_003825.3
UniProt Accession #	O00161; O00162; Q13602; Q6IAE3
Molecular Weight	23354
NCBI Official Full Name	synaptosomal-associated protein 23 isoform SNAP23A
NCBI Official Synonym Full Names	synaptosomal-associated protein, 23kDa
NCBI Official Symbol	SNAP23
NCBI Official Synonym Symbols	SNAP-23; SNAP23A; SNAP23B; HsT17016
NCBI Protein Information	synaptosomal-associated protein 23
UniProt Protein Name	Synaptosomal-associated protein 23
UniProt Gene Name	SNAP23
UniProt Synonym Gene Names	SNAP-23
UniProt Entry Name	SNP23_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/snap23-antibody-immunohistochemistry-western-blot-elisa/287435>