

Rabbit SNAP23 Polyclonal Antibody | anti-SNAP23 antibody

Anti-SNAP23 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45020	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunohistochemistry, Western Blot

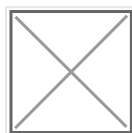
PRODUCT SYNONYMS

SNAP23; Polyclonal Antibody; Anti-SNAP23 antibody; Synaptosomal-associated protein 23(SNAP-23); synaptosomal-associated protein; 23kDa; HsT17016 antibody; LS-B8340 antibody; SNAP 23 antibody; SNAP-23 antibody; SNAP23 antibody; SNAP23A antibody; SNAP23B antibody; SNP23_HUMAN antibody; Synaptosomal associated protein 23 antibody; Synaptosomal associated protein 23kDa antibody; Synaptosomal associated protein antibody; Synaptosomal-associated protein 23 antibody; Vesicle membrane fusion protein SNAP 23 antibody; Vesicle membrane fusion protein SNAP23 antibody; Vesicle-membrane fusion protein SNAP-23 antibody; anti-SNAP23 antibody

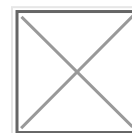
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	211
Applicable Applications for anti-SNAP23 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human SNAP23 (192-211aa DTNRDRIDIANARAKKLIDS), different from the related rat and mouse sequences by three amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


ICC (Immunocytochemistry)

Anti-SNAP23 antibody, AAA45020, ICCIC: K562 Cell


IHC (Immunohistochemistry)

Anti-SNAP23 antibody, AAA45020, IHC(F)IHC(F): Human Placenta Tissue



IHC (Immunohistochemistry)

Anti-SNAP23 antibody, AAA45020, IHC(P)IHC(P): Human Placenta Tissue



WB (Western Blot)

Anti-SNAP23 antibody, AAA45020, Western blottingLane 1: Rat Spleen Tissue LysateLane 2: Rat testis Tissue LysateLane 3: Rat Ovary Tissue LysateLane 4: HELA Cell LysateLane 5: MCF-7 Cell LysateLane 6: SKOV Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-SNAP23 antibody

Background: SNAP23(Synaptosomal-Associated Protein, 23-KD), also called SNAP23A, is a protein that in humans is encoded by the SNAP23 gene. The SNAP23 gene has 8 exons, with the initiation codon located in exon 2. The SNAP23 gene is mapped on 15q15.1-q15.2. The SNAP23 cDNA encodes a 211-amino acid polypeptide with a predicted mass of 23 kD. Its amino acid sequence is 59% identical to that of SNAP25. Northern blot analysis revealed that SNAP23 is ubiquitously expressed. SNAP23 is able to bind to multiple syntaxins as well as to multiple vesicle-associated membrane proteins. After relocation, SNAP23 is required for exocytosis, implying a crucial role in promoting membrane fusion. TIVAMP-containing vesicles were concentrated in the apical domain of epithelial cells. STX3A and SNAP23 were codistributed at the apical plasma membrane, where they formed N-ethyl maleimide-dependent SNARE complexes with TIVAMP and cellubrevin. SNAP23 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6685971
NCBI GeneID	8773
UniProt Accession #	O00161; O00162; Q13602; Q6IAE3
NCBI Official Full Name	Synaptosomal-associated protein 23
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; synaptosomal-associated protein, 23kD; vesicle-membrane fusion protein SNAP-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://stage.aaabiotech.com/polyclonal/snap23-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/45020>