



Rabbit Anti-SNAP23 antibody

SL11362R

Product Name:	SNAP23
Chinese Name:	突触相关蛋白23抗体
Alias:	SNAP 23; SNAP-23; SNAP23; SNAP23A; SNAP23B; SNP23_HUMAN; Synaptosomal associated protein 23; Synaptosomal associated protein 23kDa; Synaptosomal associated protein; Synaptosomal-associated protein 23; Vesicle membrane fusion protein SNAP 23; Vesicle membrane fusion protein SNAP23; Vesicle-membrane fusion protein SNAP-23; HsT17016.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	23kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SNAP23:101-200/211
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Essential component of the high affinity receptor for the general membrane fusion machinery and an important regulator of transport vesicle docking and fusion.

Function:

Essential component of the high affinity receptor for the general membrane fusion machinery and an important regulator of transport vesicle docking and fusion.

Subunit:

Homotetramer (via coiled-coil domain), also forms heterotetramers with STX4 and VAMP3. Binds simultaneously to SNAPIN and SYN4. Found in a complex with VAMP8 and STX4 in pancreas. Interacts with STX1A and STX12 (By similarity). Binds tightly to multiple syntaxins and synaptobrevins/VAMPs. Found in a complex with VAMP8 and STX1A.

Subcellular Location:

Cell membrane. Cell membrane. Cell junction > synapse > synaptosome. Mainly localized to the plasma membrane.

Tissue Specificity:

Ubiquitous. Highest levels where found in placenta.

Similarity:

Belongs to the SNAP-25 family.
Contains 2 t-SNARE coiled-coil homology domains.

SWISS:

O00161

Gene ID:

8773

Database links:

[Entrez Gene: 453365](#) Chimpanzee

[Entrez Gene: 522423](#) Cow

[Entrez Gene: 478268](#) Dog

[Entrez Gene: 101141000](#) Gorilla

[Entrez Gene: 8773](#) Human

[Entrez Gene: 20619](#) Mouse

[Entrez Gene: 100174679](#) Orangutan

[Entrez Gene: 64630](#) Rat

[Omim: 602534](#) Human

[SwissProt: O00161](#) Human

[SwissProt: O09044](#) Mouse

[SwissProt: O70377](#) Rat

[Unigene: 511149](#) Human

[Unigene: 245715](#) Mouse

[Unigene: 14789](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

www.sunlongbiotech.com