

Product datasheet for **TA346718**

SNAP23 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SNAP23 antibody: synthetic peptide directed towards the N terminal of human SNAP23. Synthetic peptide located within the following region: GIKTITMLDEQKEQLNRIEEGLDQINKDMRETEKLTLELNKCCGLCVCP
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	synaptosome associated protein 23kDa
Database Link:	NP_003816 Entrez Gene 8773 Human O00161



[View online »](#)

Background:

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. [provided by RefSeq, Jul 2008]

Synonyms:

HsT17016; SNAP-23; SNAP23A; SNAP23B

Note:

Immunogen Sequence Homology: Human: 100%; Horse: 92%; Zebrafish: 90%; Dog: 86%; Pig: 86%; Rat: 86%; Mouse: 86%; Rabbit: 86%; Guinea pig: 86%; Yeast: 83%; Bovine: 79%

Protein Families:

Druggable Genome

Protein Pathways:

SNARE interactions in vesicular transport

Product images:

WB Suggested Anti-SNAP23 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive
Control: Jurkat cell lysate