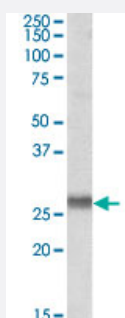


SNAP23 polyclonal antibody

Catalog # PAB19030 Size 100 ug

Applications



Western Blot (Tissue lysate)

SNAP23 polyclonal antibody (Cat # PAB19030) (0.1 ug/mL) staining of human placenta lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of SNAP23.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human SNAP23.
Sequence	C-QIKRITDKAD
Host	Goat
Theoretical MW (kDa)	26
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:8000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — SNAP23

Entrez GeneID[8773](#)**Protein Accession#**[NP_003816.2;NP_570710.1](#)**Gene Name**

SNAP23

Gene Alias

HsT17016, SNAP23A, SNAP23B

Gene Description

synaptosomal-associated protein, 23kDa

Omim ID[602534](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

OTTHUMP00000161263|synaptosomal-associated protein 23

Pathway

- [SNARE interactions in vesicular transport](#)

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)