

Datasheet for ABIN5534717
anti-SNAP23 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	SNAP23
Binding Specificity:	AA 170-199, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNAP23 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SNAP23
Alternative Name:	SNAP23 (SNAP23 Products)
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

Target Details

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.

Molecular Weight:	23 kDa
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Gene ID:	8773
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UniProt:	O00161
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Application Details

Application Notes:	For WB starting dilution is: 1:1000
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	For IHC-P starting dilution is: 1:10~50
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.5 mg/mL
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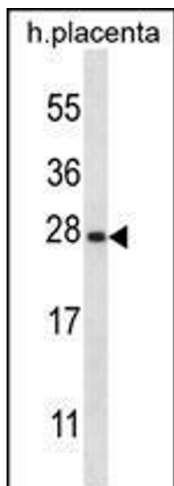
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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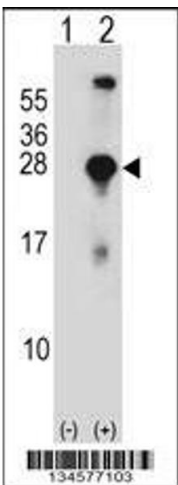
Storage:	4 °C, -20 °C
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Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
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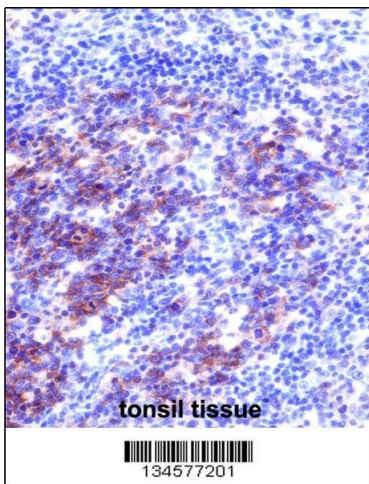
Western Blotting

Image 1. Western blot analysis in human placenta tissue lysates (35ug/lane).



Western Blotting

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



Immunohistochemistry

Image 3. SNAP23 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.