



SNAP23 Rabbit mAb

Catalog No	YP-rAb-17986
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	SNAP-23
Protein Name	Synaptosomal-associated protein 23
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	SNAP23;Synaptosomal-associated protein 23;SNAP23 ; Synaptosomal-associated protein 23 ; SNAP-23 ; Vesicle-membrane fusion protein SNAP-23;SNAP-23
Observed Band	25kD
Calculated Molecular Weight	23kD
Cell Pathway	Cell membrane; Peripheral membrane protein. Cell membrane; Lipid-anchor. Cell junction, synapse, synaptosome. Mainly localized to the plasma membrane.
Tissue Specificity	Ubiquitous. Highest levels where found in placenta.
Function	Essential component of the high affinity receptor for the general membrane fusion machinery and an important regulator of transport vesicle docking and fusion.,similarity:Belongs to the SNAP-25 family.,similarity:Contains 2 t-SNARE coiled-coil homology domains.,subcellular location:Mainly localized to the plasma membrane.,subunit:Binds simultaneously to SNAP25BP and SYN4. Found in a complex with VAMP8 and STX4 in pancreas (By similarity). Binds tightly to multiple syntaxins and synaptobrevins/VAMPs. Found in a complex with VAMP8 and STX1A.,tissue specificity:Ubiquitous. Highest levels where found in placenta.,
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



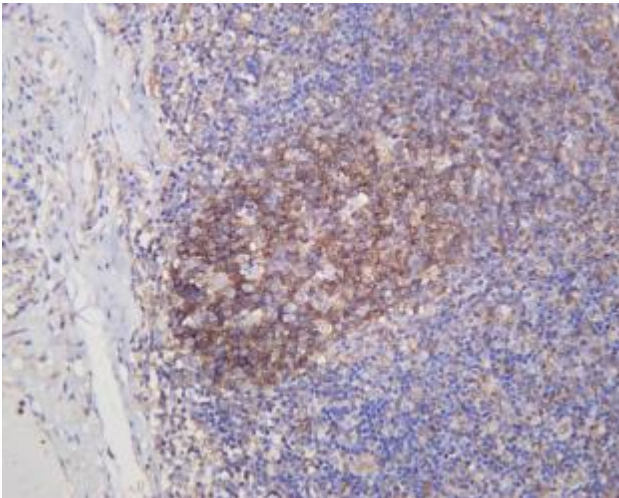
SNAP25 (synaptosome-associated protein of 25 kDa), form a complex which serves as a binding site for the general membrane fusion machinery. Synaptobrevin/VAMP and syntaxin are believed to be involved in vesicular transport in most, if not all cells, while SNAP25 is present almost exclusively in the brain, 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

matters needing attention

Avoid repeated freezing and thawing!

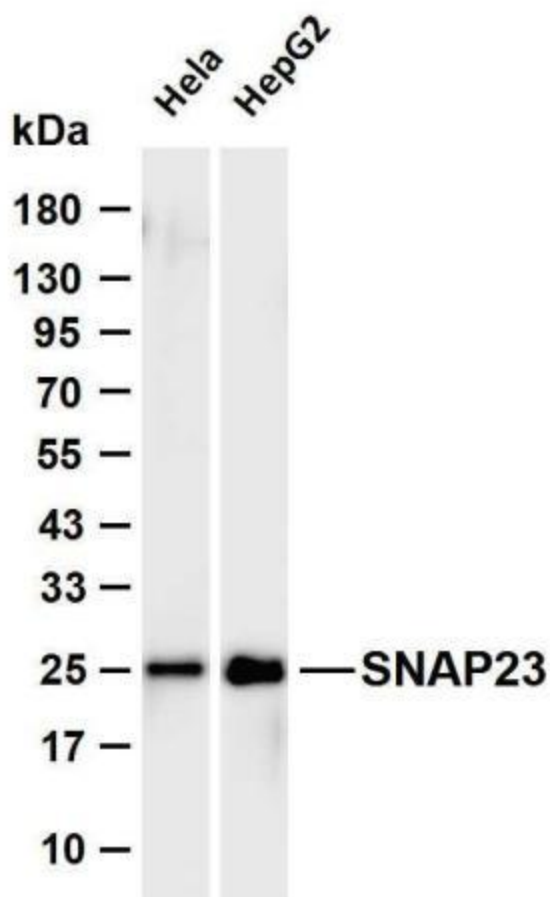
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Human tonsil was stained with anti-SNAP23 Rabbit antibody





Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SNAP23 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: HepG2 Predicted band size: 23kDa Observed band size: 25kDa

