

## **SNAP 23 Polyclonal Antibody**

Catalog No: YT5231

**Reactivity:** Human; Rat; Mouse;

**Applications:** WB;IHC;IF;ELISA

Target: SNAP 23

**Fields:** >>SNARE interactions in vesicular transport;>>Platelet activation

Gene Name: SNAP-23

**Protein Name:** Synaptosomal-associated protein 23

**Human Gene Id:** 8773

**Human Swiss Prot** 

O00161

O09044

No:

**Mouse Swiss Prot** 

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the C-

terminal region of human SNAP23. AA range:151-200

**Specificity:** SNAP 23 Polyclonal Antibody detects endogenous levels of SNAP 23 protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution :** WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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**Observed Band:** 25kD

**Cell Pathway :** SNARE interactions in vesicular transport;

**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

**Function:** 

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..

Subcellular Location:

Cell membrane; Peripheral membrane protein. Cell membrane; Lipid-anchor. Cell junction, synapse, synaptosome. Mainly localized to the plasma membrane.

**Expression:** Ubiquitous. Highest levels where found in placenta.

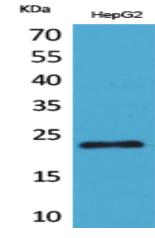
**Sort**: 16465

No4: 1

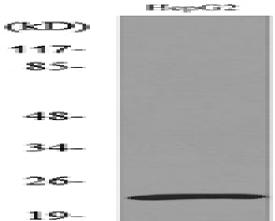
**Host:** Rabbit

Modifications: Unmodified

## **Products Images**



Western Blot analysis of HepG2 cells using SNAP 23 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from HepG2 cells, using SNAP23 Antibody.