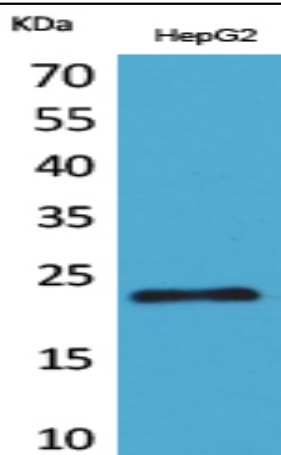


SNAP 23 Polyclonal Antibody

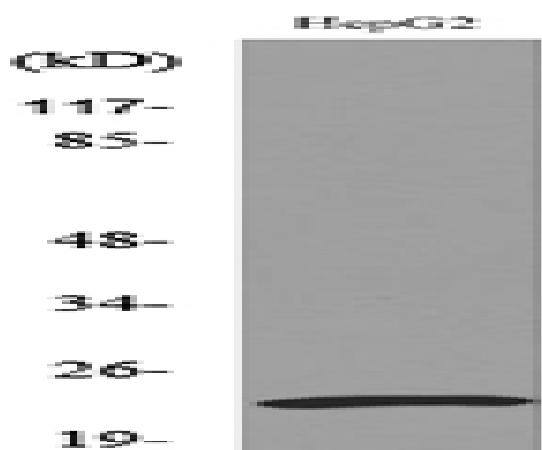
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|------------------------------|---|
| Catalog No : | YT5231 |
| Reactivity : | Human;Rat;Mouse; |
| Applications : | WB;IHC;IF;ELISA |
| Target : | SNAP 23 |
| Fields : | >>SNARE interactions in vesicular transport;>>Platelet activation |
| Gene Name : | SNAP-23 |
| Protein Name : | Synaptosomal-associated protein 23 |
| Human Gene Id : | 8773 |
| Human Swiss Prot No : | O00161 |
| Mouse Swiss Prot No : | O09044 |
| 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) |

| | |
|-------------------------------|---|
| Observed Band : | 25kD |
| Cell Pathway : | SNARE interactions in vesicular transport; |
| Background : | <p>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</p> |
| Function : | <p>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.,</p> |
| 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.