Best Tools for immunology Research

# VAMP4 (Phospho Ser30) rabbit pAb

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|---|---|
| **Catalog No :** | YP1779 |
| **Reactivity :** | Human;Mouse;Rat |
| **Applications :** | WB |
| **Target :** | VAMP4 |
| **Fields :** | >>SNARE interactions in vesicular transport |
| **Gene Name :** | VAMP4 |
| **Protein Name :** | VAMP4 (Phospho-Ser30) |
| **Human Gene Id :** | 8674 |
| **Human Swiss Prot No :** | O75379 |
| **Mouse Swiss Prot No :** | O70480 |
| **Immunogen :** | Synthesized peptide derived from human VAMP4 (Phospho-Ser30) |
| **Specificity :** | This antibody detects endogenous levels of VAMP4 (Phospho-Ser30) at Human, Mouse,Rat |
| **Formulation :** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Source :** | Polyclonal, Rabbit,IgG |
| **Dilution :** | WB 1:500-2000 |
| **Purification :** | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| **Concentration :** | 1 mg/ml |
| **Storage Stability :** | -15°C to -25°C/1 year(Do not lower than -25°C) |

**Observed Band :** 17kD

**Background :** Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport. [provided by RefSeq, Jul 2008],

**Function :** function:Involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules. May be a marker for this sorting pathway that is critical for remodeling the secretory response of granule.,similarity:Belongs to the synaptobrevin family.,similarity:Contains 1 v-SNARE coiled-coil homology domain.,subcellular location:Associated with trans Golgi network (TGN) and newly formed immature secretory granules (ISG). Not found on the mature secretory organelles.,subunit:Identified in a complex containing STX6, STX13, VAMP4 and VTI1A.,

**Subcellular Location :** Golgi apparatus, trans-Golgi network membrane ; Single-pass type IV membrane protein . Associated with trans Golgi network (TGN) and newly formed immature secretory granules (ISG). Not found on the mature secretory organelles.

**Expression :** B-cell,Bone marrow,Epithelium,Liver,Urinary bladder,

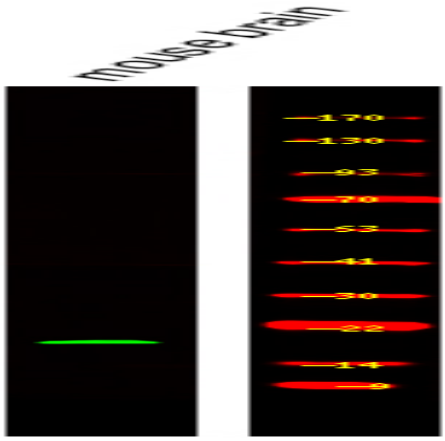
**Sort :** 25258

**No4 :** 1

**Host :** Rabbit

**Modifications :** Phospho

## Products Images




Western Blot analysis of various,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000