

# VAMP4 (Phospho Ser30) Rabbit pAb

CatalogNo: YP1779

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat

### Applications

- WB

### MW

- 17kD (Observed)

### Isotype

- IgG

## Storage

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

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

## Recommended Dilution Ratios

**WB 1:500-2000**

## Basic Information

**Clonality** Polyclonal

## Immunogen Information

**Immunogen** Synthesized peptide derived from human VAMP4 (Phospho-Ser30)

**Specificity** This antibody detects endogenous levels of VAMP4 (Phospho-Ser30) at Human, Mouse, Rat. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): DDsDE

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## | Target Information

**Gene name** VAMP4

**Protein Name** VAMP4 (Phospho-Ser30)

| Organism | Gene ID                | UniProt ID               |
|----------|------------------------|--------------------------|
| Human    | <a href="#">8674</a> ; | <a href="#">O75379</a> ; |
| Mouse    |                        | <a href="#">O70480</a> ; |

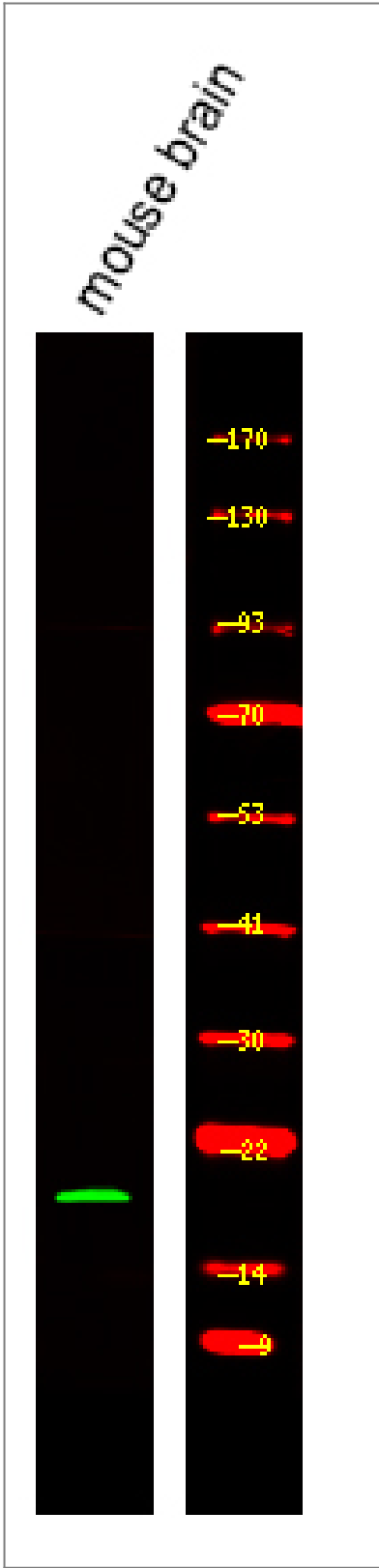
**Cellular Localization** Golgi apparatus, trans-Golgi network membrane ; Single-pass type IV membrane protein . Associated with trans Golgi network (TGN) and newly formed immature secretory granules (ISG). Not found on the mature secretory organelles.

**Tissue specificity** B-cell,Bone marrow,Epithelium,Liver,Urinary bladder,

**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.,

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## | Validation Data



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

**Contact information**

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Please scan the QR code  
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**VAMP4 (Phospho  
Ser30) Rabbit pAb**

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