

## VAMP2 Rabbit pAb

CatalogNo: YN5846

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB

#### MW

- 13kD (Calculated)

#### Isotype

- IgG

### | Recommended Dilution Ratios

WB 1:500-2000

### | 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.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

**Immunogen** Synthesized peptide derived from human VAMP2

**Specificity** This antibody detects endogenous levels of VAMP2 at Human, Mouse, Rat

### | Target Information

**Gene name** VAMP2 SYB2

**Protein Name** Vesicle-associated membrane protein 2 (VAMP-2) (Synaptobrevin-2)

Organism	Gene ID	UniProt ID
Human	<a href="#">6844;</a>	<a href="#">P63027;</a>
Mouse	<a href="#">22318;</a>	<a href="#">P63044;</a>
Rat	<a href="#">24803;</a>	<a href="#">P63045;</a>

**Cellular Localization** Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane ; Single-pass type IV membrane protein . Cell membrane . Colocalizes with PRKCZ and WDFY2 in intracellular vesicles (PubMed:17313651). .

**Tissue specificity** Nervous system and skeletal muscle.

**Function** Involved in the targeting and/or fusion of transport vesicles to their target membrane (By similarity). Major SNARE protein of synaptic vesicles which mediates fusion of synaptic vesicles to release neurotransmitters. Essential for fast vesicular exocytosis and activity-dependent neurotransmitter release as well as fast endocytosis that mediates rapid reuse of synaptic vesicles (By similarity) . Modulates the gating characteristics of the delayed rectifier voltage-dependent potassium channel KCNB1.

## | Validation Data

## | Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:  
**VAMP2 Rabbit pAb**

For Research Use Only. Not for Use in Diagnostic Procedures.

[Antibody](#) | [ELISA Kits](#) | [Protein](#) | [Reagents](#)