

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	6844;	P63027;
Mouse	22318;	P63044;
Rat	24803;	P63045;

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

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VAMP2 Rabbit pAb

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