

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **VAMP2 RABBIT MAB**

Cat.#: N263060

**Product Name:** Anti-VAMP2 Rabbit Monoclonal Antibody

Synonyms: vesicle-associated membrane protein 2 (synaptobrevin 2);

SYB2; VAMP-2

**UNIPROT ID:** P63027

**Background:** The SNARE complex is involved in vesicular transport and membrane fusion, a process regulated by calcium. In neurons, VAMP2 is predominantly inserted in presynaptic vesicle membranes. Assembly of VAMP2 with the plasma membrane SNAREs syntaxin 1 and SNAP25 is a key event necessary for membrane fusion and neurotransmitter release.

**Immunogen:** A synthetic peptide of human VAMP2

**Applications:** WB,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R04-7A5

MW: Calculated MW: 13 kDa; Observed MW: 13 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human, Mouse, Rat

**Conjugation:** Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

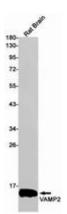
**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

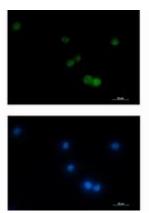


## **Product Description**

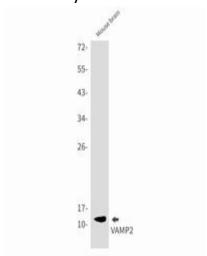
Pioneering GTPase and Oncogene Product Development since 2010



Western blot analysis of VAMP2 in rat Brain lysates using VAMP2 antibody



Immunocytochemistry analysis of VAMP2 (green) in Jurkat using VAMP2 antibody,and DAPI(blue).



Western blot analysis of VAMP2 in mouse brain lysates using VAMP2 antibody.