Product Datasheet

# VAMP1 Rabbit mAb

Catalog No: #49966

Package Size: #49966-1 50ul #49966-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

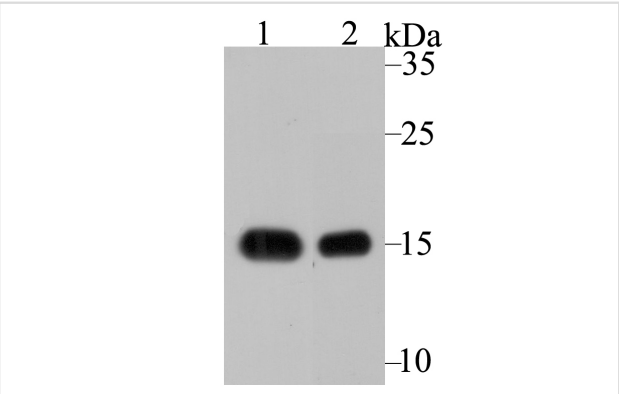
## Description

| | |
|---|---|
| Product Name | VAMP1 Rabbit mAb |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal antibody |
| Clone No. | JG40-19 |
| Purification | ProA affinity purified |
| Applications | WB,IHC,ICC,IF |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | Full length recombinant protein of human VAMP1. |
| Other Names | DKFZp686H12131 antibody SYB 1 antibody SYB1 antibody Synaptobrevin 1 antibody Synaptobrevin-1 antibody Synaptobrevin1 antibody VAMP 1 antibody VAMP-1 antibody Vamp1 antibody VAMP1_HUMAN antibody Vesicle associated membrane protein 1 antibody Vesicle associated membrane protein 1 synaptobrevin 1 antibody Vesicle-associated membrane protein 1 antibody |
| Accession No. | Swiss-Prot#:P23763 |
| Uniprot | P23763 |
| GeneID | 6843; |
| Calculated MW | 13 kDa |
| Formulation | 1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide. |
| Storage | Store at -20°C |

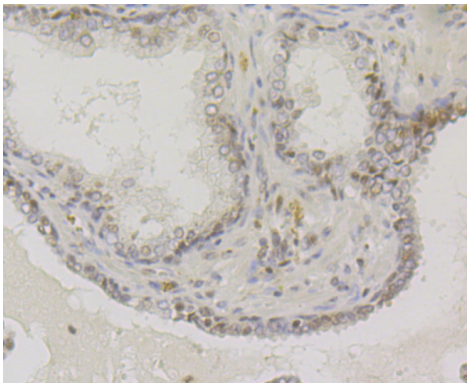
## Application Details

WB: 1:500-1:2,000IHC: 1:50-1:200ICC/IF: 1:50-1:200

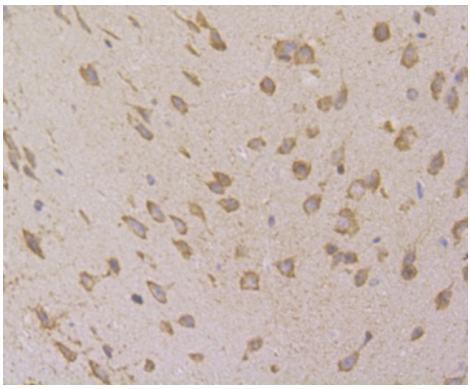
## Images



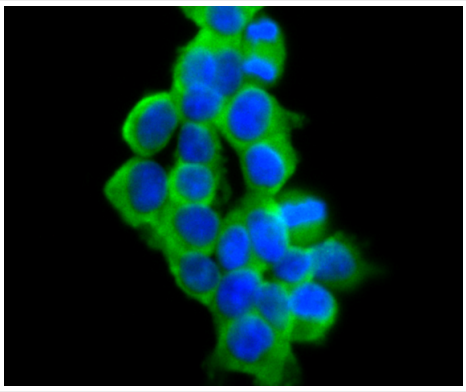

Western blot analysis of VAMP1 on different tissue lysates using anti-VAMP1 antibody at 1/2,000 dilution. Positive control: Lane 1: Mouse cerebellum Lane 2: Rat brain



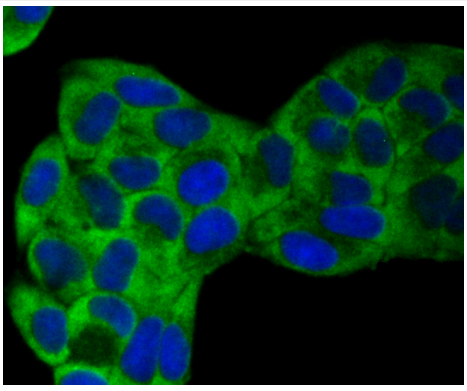
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using anti-VAMP1 antibody. Counter stained with hematoxylin.



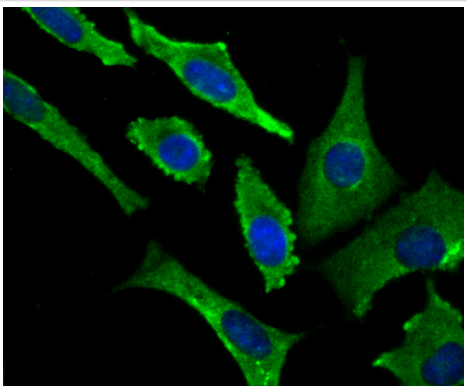
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-VAMP1 antibody. Counter stained with hematoxylin.



ICC staining VAMP1 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining VAMP1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining VAMP1 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## 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. VAMP1 is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Multiple alternative splice variants that encode proteins with alternative carboxy ends have been described, but the full-length nature of some variants has not been defined.

## References

Note: This product is for in vitro research use only