Cellubrevin Rabbit mAb

Catalog No: #49902

Package Size: #49902-1 50ul #49902-2 100ul

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

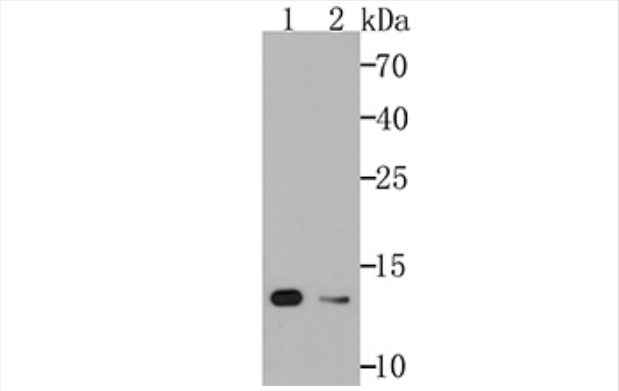
Description

Product Name	Cellubrevin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG36-31
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic peptide conjugated to KLH within N-terminal human Cellubrevin.
Other Names	CEB antibody Cellubrevin antibody Synaptobrevin 3 antibody Synaptobrevin-3 antibody VAMP 3 antibody VAMP-3 antibody VAMP3 antibody VAMP3_HUMAN antibody Vesicle associated membrane protein 3 antibody Vesicle-associated membrane protein 3 antibody
Accession No.	Swiss-Prot#:Q15836
Uniprot	Q15836
GeneID	9341;
Calculated MW	11 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

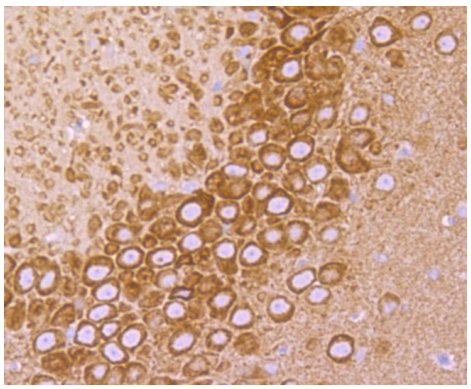
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

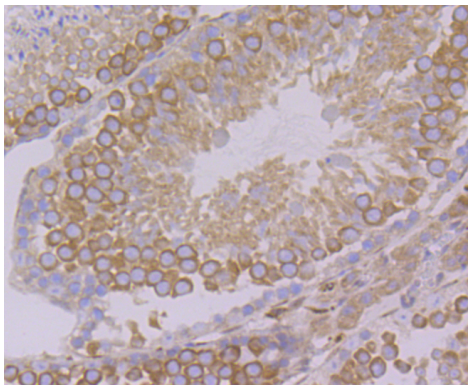
Images



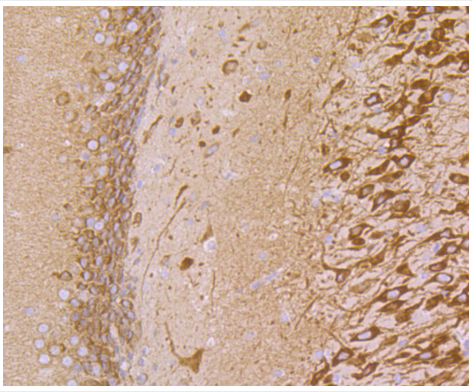
Western blot analysis of Cellubrevin on A549 (1), 293T(2) cell lysates using anti-Cellubrevin antibody at 1/1,000 dilution.



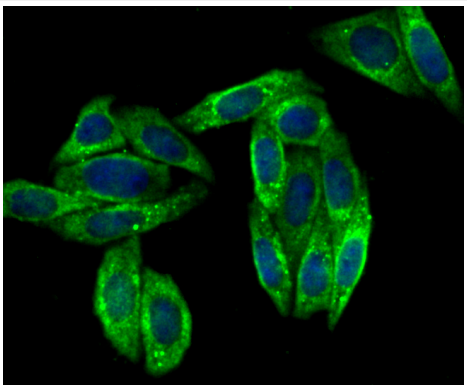
Immunohistochemical analysis of paraffin-embedded rat hippocampus tissue using anti-Cellubrevin antibody. Counter stained with hematoxylin.



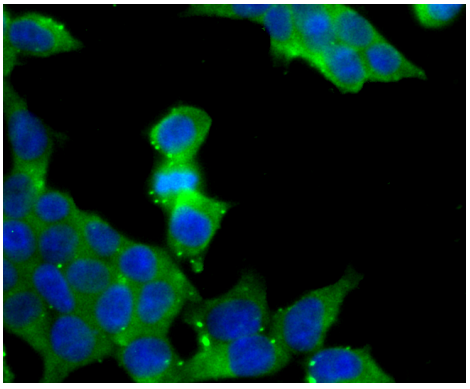
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Cellubrevin antibody. Counter stained with hematoxylin.



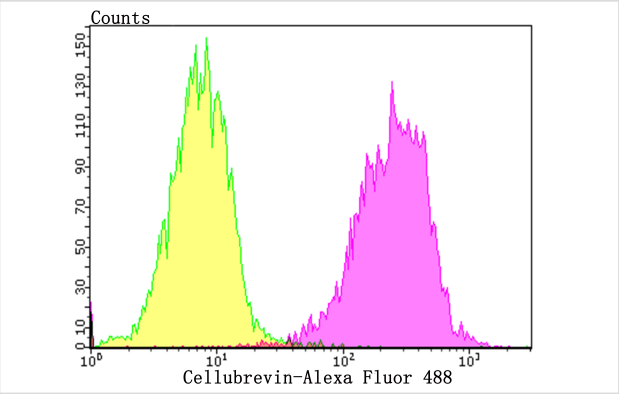
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Cellubrevin antibody. Counter stained with hematoxylin.



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



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



Flow cytometric analysis of Siha cells with Cellubrevin antibody at 1/100 dilution (yellow) compared with an unlabelled control (cells without incubation with primary antibody; purple).Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

Vesicle-associated membrane proteins, known as VAMPs, also designated synaptobrevins, include VAMP-1, VAMP-2, VAMP-3 (cellubrevin), and synaptotagmin, a protein that may function as an inhibitor of exocytosis. VAMP proteins are vesicular factors that are important components of the machinery controlling docking and/or fusion of secretory vesicles with their target membrane. Synaptosomal-associated proteins, known as SNAPs, including alpha- and gamma-SNAP, are cytoplasmic proteins that bind to a membrane receptor complex composed of VAMP, SNAP 25 and syntaxin. Pancreatic beta-cells express VAMP-2 and VAMP-3, and either one or both of these proteins selectively control Ca2+-mediated insulin secretion. In addition, VAMP-2 and VAMP-3 are expressed on GLUT4-containing vesicle membranes isolated from 3T3-LI adipocytes and are important components of the insulin-dependent translocation of GLUT4 to the cell surface in adipocytes.

References

Note: This product is for in vitro research use only