

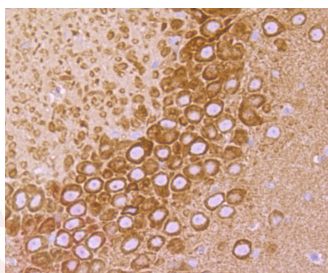
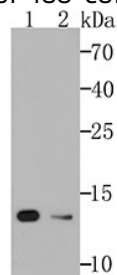
Anti-VAMP3 Antibody (5C283)

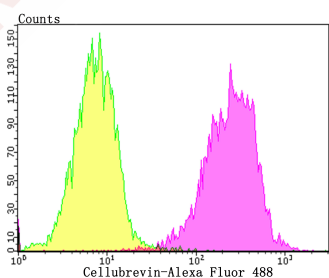
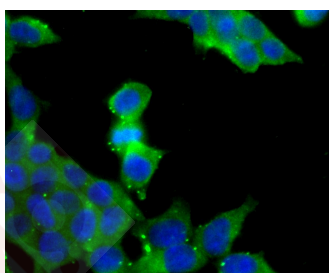
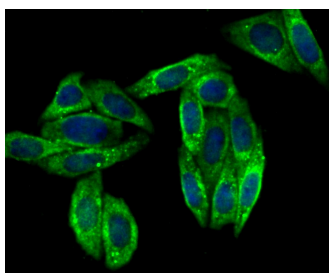
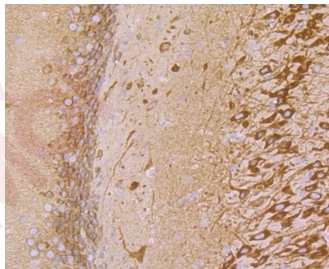
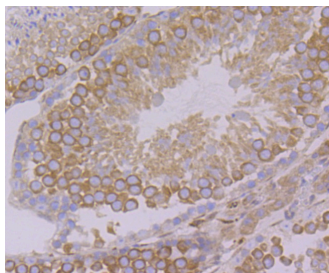
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 11 kDa.
Clone:	5C283
Purification:	ProA affinity purified

Applications

- Verified Activity:
1. Western blot analysis of Cellubrevin on A549 (1), 293T(2) cell lysates using anti-Cellubrevin antibody at 1/1,000 dilution.
 2. Immunohistochemical analysis of paraffin-embedded rat hippocampus tissue using anti-Cellubrevin antibody. Counter stained with hematoxylin.
 3. Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Cellubrevin antibody. Counter stained with hematoxylin.
 4. Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Cellubrevin antibody. Counter stained with hematoxylin.
 5. 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.
 6. 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.
 7. 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.





Application: FCM, ICC, IF, IHC, WB

Recommended WB: 1:500-2000; IHC: 1:50-200; ICC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: within N-terminal human Cellubrevin
Antigen Species: Human
Uniprot ID: Q15836
Synonyms: CEB;vesicle-associated membrane protein 3

Research 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-L1 adipocytes and are important components of the insulin-dependent translocation of GLUT4 to the cell surface in adipocytes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481