

Cellubrevin polyclonal antibody

Catalog: BS90293

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

11 kDa

Swiss-Prot:

Q15836(Human) P63024(Mouse) P63025(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:50-1:200

IHC:1:50-1:200

FC:1:50-1:100

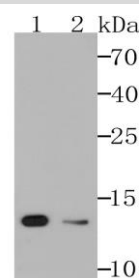
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

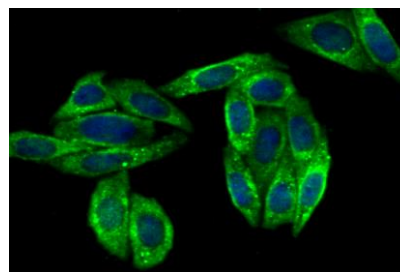
Specificity:

Cellubrevin polyclonal antibody detects endogenous levels of Cellubrevin protein.

DATA:



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



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.

Note:

For research use only, not for use in diagnostic procedure.

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