Cellubrevin Conjugated Antibody

Catalog No: #C49902

Package Size: #C49902-AF350 100ul #C49902-AF405 100ul #C49902-AF488 100ul #C49902-AF555 100ul #C49902-AF594 100ul #C49902-AF647 100ul #C49902-AF680 100ul #C49902-AF750 100ul #C49902-Biotin 100ul

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Description

Product Name	Cellubrevin Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic peptide conjugated to KLH within N-terminal human Cellubrevin.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	11 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only