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Datasheet for ABIN6945108
anti-VAMP7 antibody (AA 1-100) (Biotin)

Overview

Quantity:	100 µL
Target:	VAMP7
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VAMP7 antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SYBL1
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Pig,Horse,Chicken,Rabbit,Zebrafish
Purification:	Purified by Protein A.

Target Details

Target:	VAMP7
Alternative Name:	SYBL1 (VAMP7 Products)

Target Details

Background: Synonyms: FLJ53045, FLJ53762, FLJ54296, HGNC:11486, OTTHUMP00000024258, OTTHUMP00000024259, OTTHUMP00000225953, SYBL 1, SYBL1, Synaptobrevin like 1, Synaptobrevin-like protein 1, Tetanus insensitive VAMP, Tetanus neurotoxin insensitive VAMP, Tetanus-insensitive VAMP, TI VAMP, Ti-VAMP, TIVAMP, VAMP-7, VAMP7, VAMP7_HUMAN, Vesicle-associated membrane protein 7.

Background: Involved in the targeting and/or fusion of transport vesicles to their target membrane during transport of proteins from the early endosome to the lysosome. Required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Required for calcium regulated lysosomal exocytosis. Involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Required for focal exocytosis of late endocytic vesicles during phagosome formation.

Gene ID: 6845

UniProt: [P51809](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Handling

Expiry Date: 12 months