

Rabbit VAMP7 Polyclonal Antibody | anti-VAMP7 antibody

VAMP7 Antibody

CATALOG # AAA39539	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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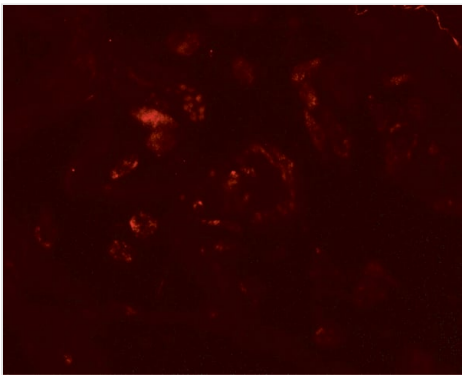
PRODUCT SYNONYMS

VAMP7; Polyclonal Antibody; VAMP7 Antibody; SYBL1; TIVAMP; VAMP-7; TI-VAMP; Vesicle-associated membrane protein 7; Synaptobrevin-like protein 1; vesicle-associated membrane protein 7; anti-VAMP7 antibody

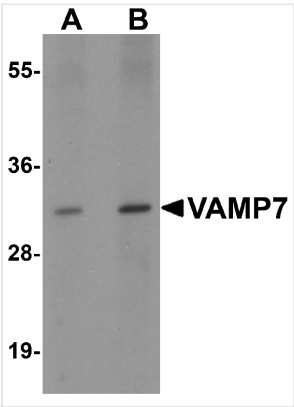
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of VAMP7 are known to exist; this antibody will detect the two longest isoforms. This antibody is predicted to not cross-react with other Ras-related proteins.
Purity/Purification	VAMP7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	260
Applicable Applications for anti-VAMP7 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	VAMP7 antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human VAMP7.
Buffer	VAMP7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	VAMP7 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of VAMP7 in human lung tissue with VAMP7 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of VAMP7 in mouse lung tissue lysate with VAMP7 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-VAMP7 antibody	VAMP7 Antibody: VAMP7 is a member of the soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) family, localizing to late endosomes and lysosomes. VAMP7 is thought to mediate the fusion of endosomes to their target lysosomes as well as other exocytosis events during phagocytosis and neuritogenesis. VAMP7 interacts with the VPS9 ankyrin repeat protein VARP, a protein that localizes to early endosomes and thought to regulate endosome dynamics. Together with CD82, VAMP7 can modulate the signaling of EGFR by regulating its endocytosis from the plasma membrane.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297747292
NCBI GeneID	6845
NCBI Accession #	NP_001172112
NCBI GenBank Nucleotide #	NM_001185183.1
UniProt Accession #	P51809; Q53GY7; Q7Z409; Q9H4A7
Molecular Weight	20,121 Da
NCBI Official Full Name	vesicle-associated membrane protein 7 isoform 3
NCBI Official Synonym Full Names	vesicle-associated membrane protein 7
NCBI Official Symbol	VAMP7
NCBI Official Synonym Symbols	SYBL1; TIVAMP; VAMP-7; TI-VAMP
NCBI Protein Information	vesicle-associated membrane protein 7; synaptobrevin-like 1; tetanus-insensitive VAMP; synaptobrevin-like protein 1; tetanus neurotoxin-insensitive VAMP
UniProt Protein Name	Vesicle-associated membrane protein 7
UniProt Gene Name	VAMP7
UniProt Synonym Gene Names	SYBL1; VAMP-7; TI-VAMP
UniProt Entry Name	VAMP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

