

Anti-VAMP-4 antibody



Description	Rabbit polyclonal to VAMP-4.
Model	STJ96216
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, IF
Immunogen	Synthesized peptide derived from human VAMP-4 around the non-phosphorylation site of S30.
Immunogen Region	10-90 aa
Gene ID	8674
Gene Symbol	VAMP4
Dilution range	IF 1:200-1:1000ELISA 1:10000
Specificity	VAMP-4 Polyclonal Antibody detects endogenous levels of VAMP-4 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Vesicle-associated membrane protein 4 VAMP-4
Molecular Weight	16.397 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:12645OMIM:606909
Alternative Names	Vesicle-associated membrane protein 4 VAMP-4
Function	Involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules. May be a marker for this sorting pathway that is critical for remodeling the secretory response of granule.
Cellular Localization	Golgi apparatus, trans-Golgi network membrane. Associated with trans Golgi network (TGN) and newly formed immature secretory granules (ISG). Not found on the mature secretory organelles.

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