

## Product datasheet for **AP55370SU-N**

### VAMP4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, WB
Recommended Dilution:	<b>ELISA.</b> <b>Western Blot:</b> 1/200-1/1000. <b>Immunofluorescence:</b> 1/50.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from N-terminal domain of Human VAMP4 (MW : 10 kDa)
Specificity:	Reacts with Human 10 kDa VAMP4 protein.
Formulation:	State: Serum State: Lyophilized serum Preservative: None
Reconstitution Method:	Restore in 0.2 ml distilled water.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store the antibody at -20°C. Store the reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	vesicle associated membrane protein 4
Database Link:	<a href="#">Entrez Gene 8674 Human</a> <a href="#">O75379</a>
Background:	VAMP4, also known as vesicle-associated membrane protein 4, is a member of the synaptobrevin family involved in docking and/or fusion of vesicles with cell membrane. This protein is enriched in the trans-Golgi network and may play a role in trans-Golgi network-to-endosome transport. VAMP4 is involved in the pathway that functions to remove an inhibitor (probably synaptotagmin-4) of calcium-triggered exocytosis during the maturation of secretory granules.



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**Synonyms:** VAMP4, Vesicle-associated membrane protein 4