

Product datasheet for **TA356664**

Vamp7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	25kDa
Gene Name:	vesicle-associated membrane protein 7
Database Link:	NP_035645 Entrez Gene 20955 Mouse P70280



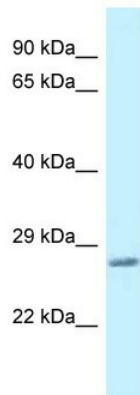
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Background:

Vamp7 is 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. Vamp7 is required for heterotypic fusion of late endosomes with lysosomes and homotypic lysosomal fusion. Vamp7 is required for calcium regulated lysosomal exocytosis. Vamp7 is involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. Vamp7 is required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. Vamp7 is also required for focal exocytosis of late endocytic vesicles during phagosome formation.

Synonyms:

SYBL1; TI-VAMP; TIVAMP; VAMP-7

Product images:

WB Suggested Anti-Vamp7 Antibody
Titration: 1.0 ug/ml
Positive Control: Mouse liver