

## anti- VAMP7/TI-VAMP antibody

### Product Information

Catalog No.:	FNab09364
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

VAMP7, also named as SYBL1 and TI-VAMP, belongs to the synaptobrevin family. It 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. It is required for calcium regulated lysosomal exocytosis. VAMP7 is involved in the export of chylomicrons from the endoplasmic reticulum to the cis Golgi. It is required for exocytosis of mediators during eosinophil and neutrophil degranulation, and target cell killing by natural killer cells. It is also required for focal exocytosis of late endocytic vesicles during phagosome formation. The antibody is specific to VAMP7.

### Immunogen information

Immunogen:	vesicle-associated membrane protein 7
Synonyms:	SYBL1, Synaptobrevin like protein 1, Tetanus insensitive VAMP, TI VAMP, TI-VAMP, VAMP 7, VAMP7
Observed MW:	20 kDa, observed 20 kDa, 50 kDa
Uniprot ID :	P51809

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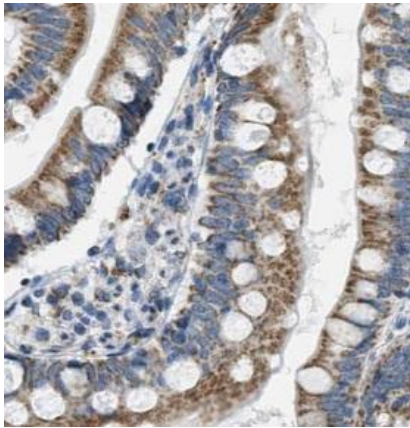
## Application

Reactivity: Human, Mouse, Rat

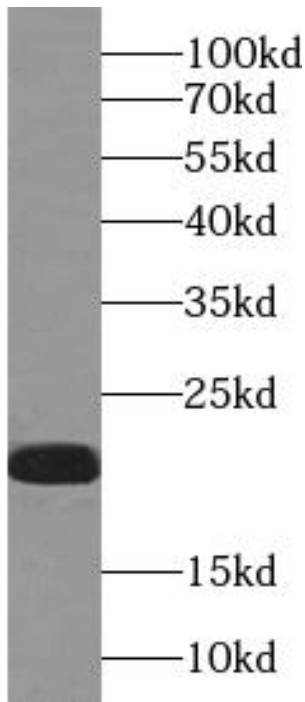
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200; IF: 1:10-1:100; IP: 1:500-1:5000

Image:



Immunohistochemistry of paraffin-embedded human small intestine using FNab09364(VAMP7 antibody) at dilution of 1:50



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab09364(VAMP7 antibody) at dilution of 1:1000

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