

## Product datasheet for **TA372049**

### VAMP4 Rabbit Polyclonal Antibody

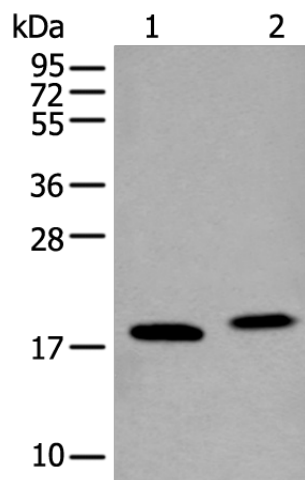
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562 cell and Mouse brain tissue lysates IHC: 40-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human VAMP4
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	16 kDa
Gene Name:	vesicle associated membrane protein 4
Database Link:	<a href="#">Entrez Gene 8674 Human O75379</a>
Background:	Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport.
Synonyms:	VAMP-4; VAMP24

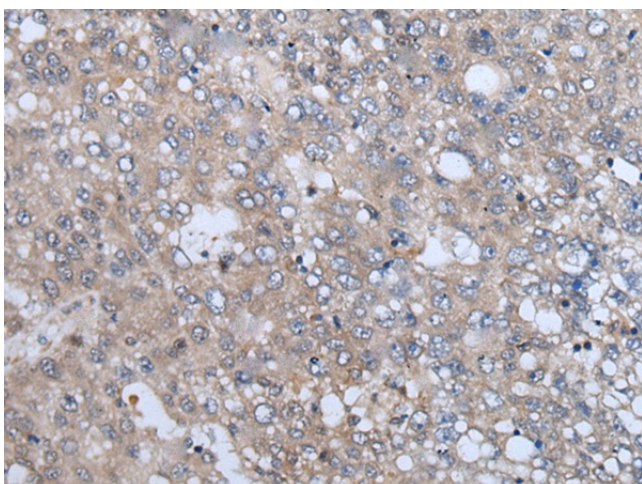


[View online »](#)

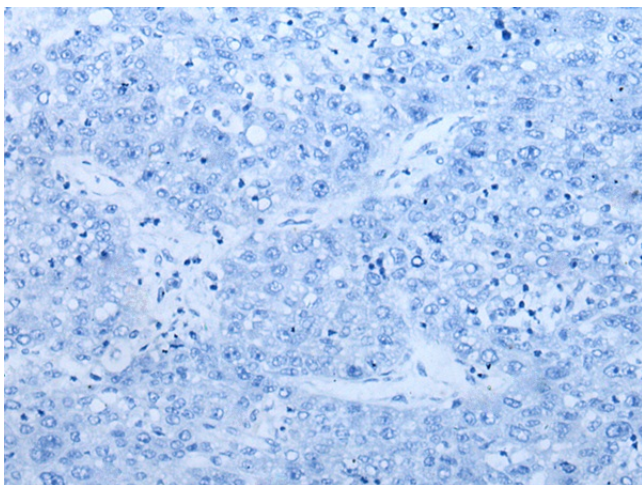
## Product images:



Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: K562 cell and Mouse brain tissue lysates  
Primary antibody: TA372049 (VAMP4 Antibody) at dilution 1/400  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372049 (VAMP4 Antibody) at dilution 1/50 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA372049 (VAMP4 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)