

## Product datasheet for **TA350594S**

### VAMP4 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562, hela, TM4 and PC3 cell IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm and Cell membrane
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	vesicle associated membrane protein 4
Database Link:	<a href="#">NP_003753</a> <a href="#">Entrez Gene 53330 Mouse</a> <a href="#">Entrez Gene 8674 Human</a> <a href="#">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

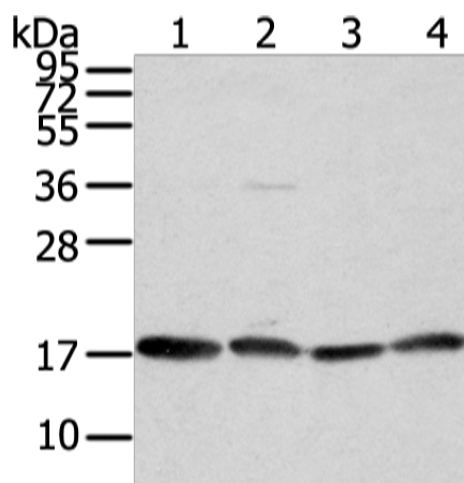


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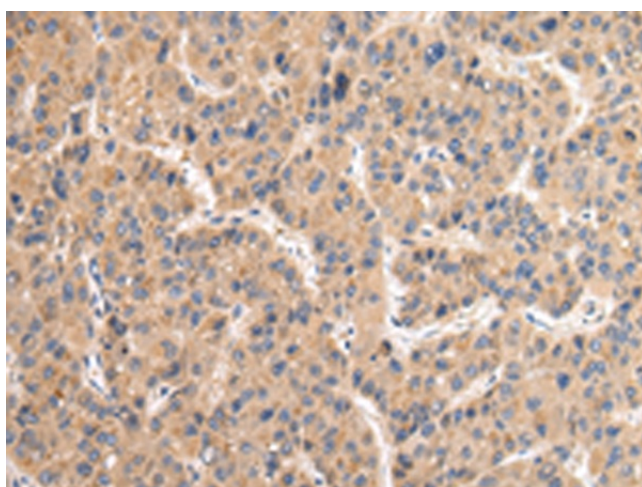
Protein Families: Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

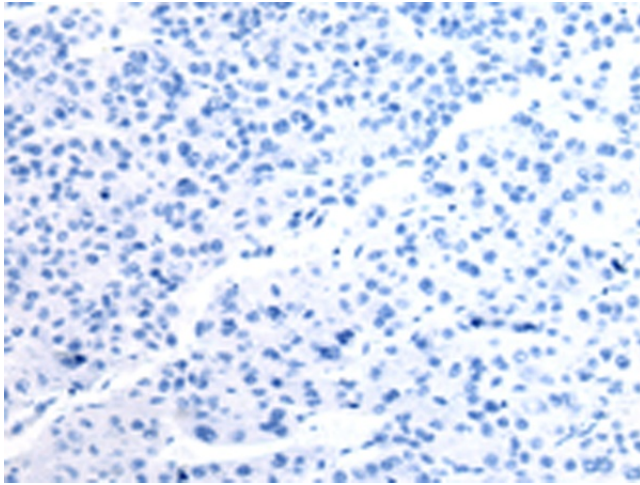
### Product images:



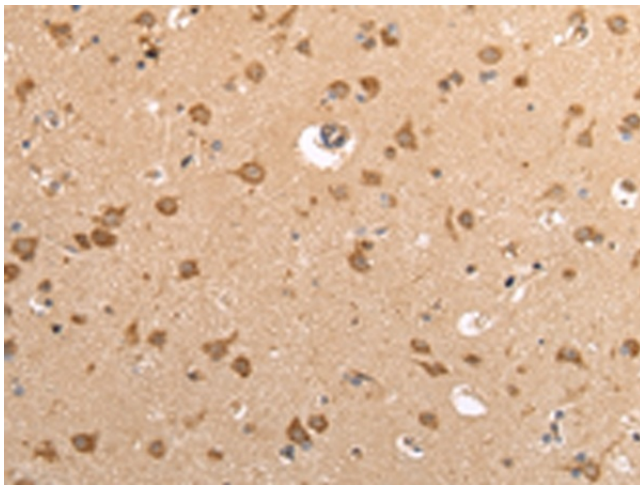
Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-4: K562  
hela  
TM4 and PC3 cell  
Primary antibody: [TA350594] (VAMP4 Antibody)  
at dilution 1/800  
Secondary antibody: Goat anti rabbit IgG at  
1/8000 dilution  
Exposure time: 10 seconds



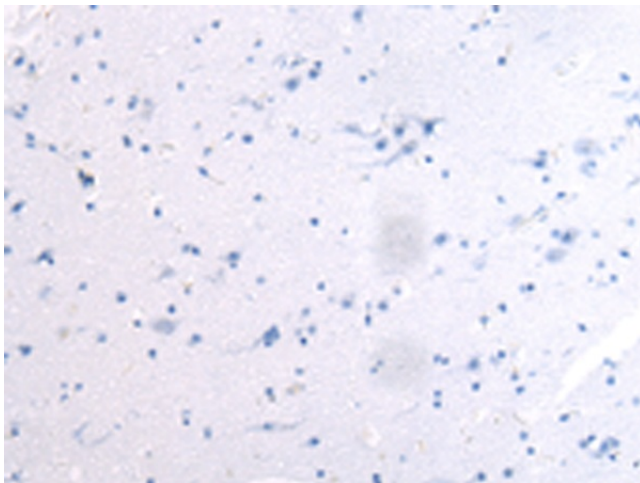
Immunohistochemistry of paraffin-embedded  
Human liver cancer tissue using [TA350594]  
(VAMP4 Antibody) at dilution 1/35 (Original  
magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA350594] (VAMP4 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350594] (VAMP4 Antibody) at dilution 1/35 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA350594] (VAMP4 Antibody) at dilution 1/35, treated with fusion protein. (Original magnification: ×200)