

Anti-VAMP4 antibody

Cat. No.	ml223520
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-VAMP4 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Full length fusion protein
Reactivity	Human, Mouse
Content	0.7 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	VAMP4
Full name	vesicle-associated membrane protein 4

Synonyms VAMP-4; VAMP24

Swissprot O75379

Target 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.

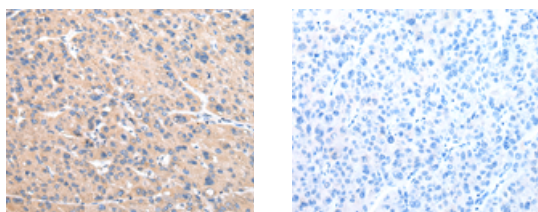
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Cell membrane

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml223520(VAMP4 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 16 kDa

Positive control: PC3, TM4, hela and K562 cell

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

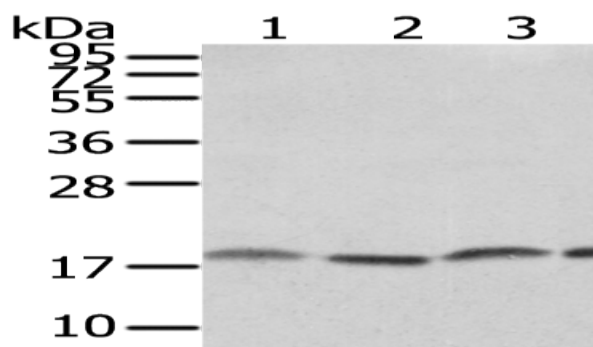
Lysate: 40 μ g

Lane 1-4: PC3, TM4, hela and K562 cell

Primary antibody: ml223520(VAMP4 Antibody) at dilution 1/650

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 2000-5000

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