

Product datasheet for **TA808605S**

VAMP5 Mouse Monoclonal Antibody [Clone ID: OTI7F2]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI7F2 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500, IHC 1:500 |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human VAMP5 (NP_006625) produced in E.coli. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 1 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 12.6 kDa |
| Gene Name: | vesicle associated membrane protein 5 |
| Database Link: | NP_006625 Entrez Gene 10791 Human O95183 |
| Background: | Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of vesicles and cell membranes. The VAMP5 gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. This VAMP family member may participate in vesicle trafficking events that are associated with myogenesis. [provided by RefSeq, Jul 2008] |



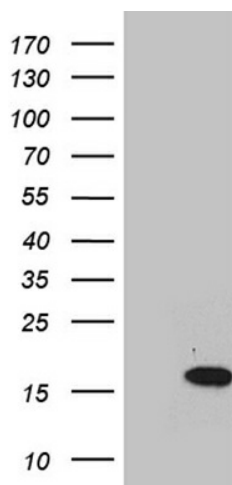
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Synonyms: MYOBREVIN; myobrevin; vesicle-associated membrane protein 5; vesicle-associated membrane protein 5 (myobrevin)

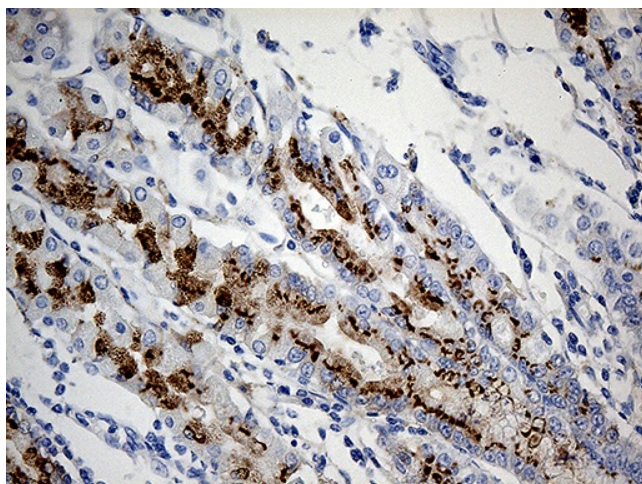
Protein Families: Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY VAMP5 (Cat# [RC204973], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VAMP5 (Cat# [TA808605]). Positive lysates [LY416522] (100ug) and [LC416522] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human gastric tissue within the normal limits using anti-VAMP5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA808605]) (1:500)