

VAPA Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full-length recombinant VAPA.

Catalog # AT4501a

Product Information

Application	WB, IF
Primary Accession	Q9P0L0
Other Accession	BC002992
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4C12
Calculated MW	27893

Additional Information

Gene ID	9218
Other Names	Vesicle-associated membrane protein-associated protein A, VAMP-A, VAMP-associated protein A, VAP-A, 33 kDa VAMP-associated protein, VAP-33, VAPA, VAP33
Target/Specificity	VAPA (AAH02992, 1 a.a. ~ 242 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	VAPA Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

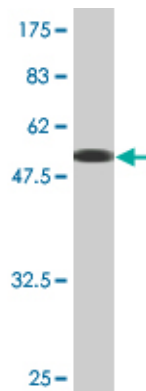
The protein encoded by this gene is a type IV membrane protein. It is present in the plasma membrane and intracellular vesicles. It may also be associated with the cytoskeleton. This protein may function in vesicle trafficking, membrane fusion, protein complex assembly and cell motility. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.

References

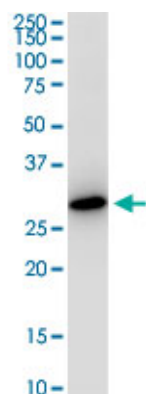
Electrostatic interaction between oxysterol-binding protein and VAMP-associated protein A revealed by NMR

and mutagenesis studies. Furuita K, et al. J Biol Chem, 2010 Apr 23. PMID 20178991. The glycolipid transfer protein interacts with the vesicle-associated membrane protein-associated protein VAP-A. Tuuf J, et al. Biochem Biophys Res Commun, 2009 Oct 16. PMID 19665998. Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. Promotion of neurite extension by protrudin requires its interaction with vesicle-associated membrane protein-associated protein. Saita S, et al. J Biol Chem, 2009 May 15. PMID 19289470. FFAT rescues VAPA-mediated inhibition of ER-to-Golgi transport and VAPB-mediated ER aggregation. Prosser DC, et al. J Cell Sci, 2008 Sep 15. PMID 18713837.

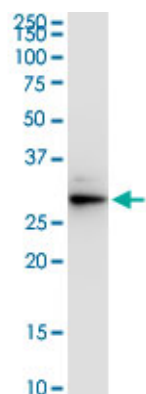
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.36 KDa) .



VAPA monoclonal antibody (M01), clone 4C12. Western Blot analysis of VAPA expression in human placenta.

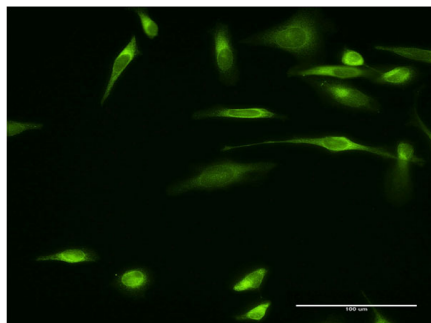
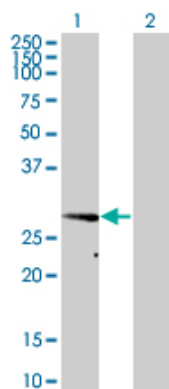


VAPA monoclonal antibody (M01), clone 4C12. Western Blot analysis of VAPA expression in K-562.

Western Blot analysis of VAPA expression in transfected 293T cell line by VAPA monoclonal antibody (M01), clone 4C12.

Lane 1: VAPA transfected lysate (27.3 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to VAPA on HeLa cell . [antibody concentration 10 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.