

VAPA Antibody (monoclonal) (M01)

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

Catalog # AT4501a

Specification

VAPA Antibody (monoclonal) (M01) - Product Information

Application	IF, WB
Primary Accession	O9P0L0
Other Accession	BC002992
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	27893

VAPA Antibody (monoclonal) (M01) - 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

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.

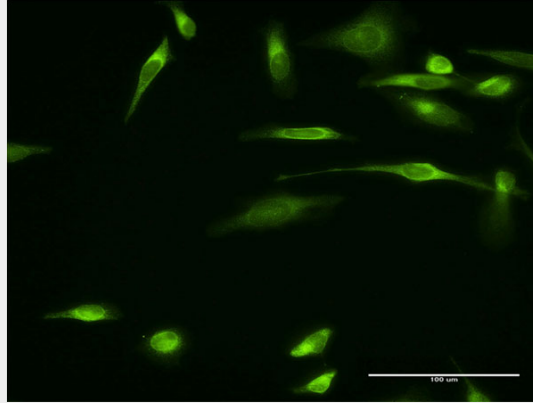
VAPA Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

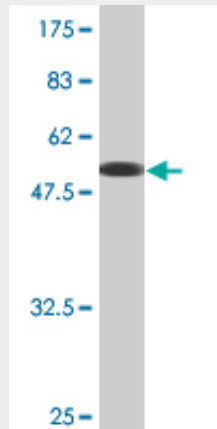
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

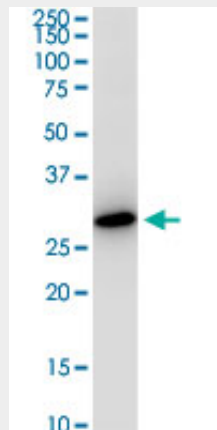
VAPA Antibody (monoclonal) (M01) - Images



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

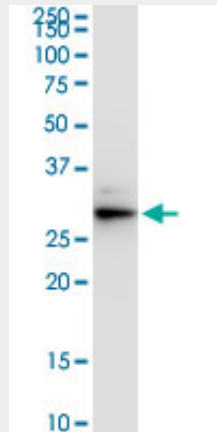


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.36 KDa) .

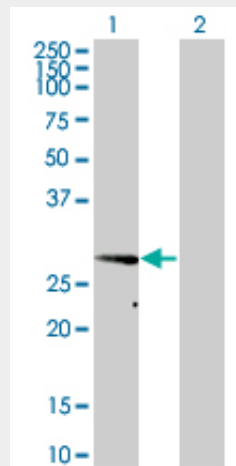


VAPA monoclonal antibody (M01), clone 4C12. Western Blot analysis of VAPA expression in

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.

VAPA Antibody (monoclonal) (M01) - 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.

VAPA Antibody (monoclonal) (M01) - 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.