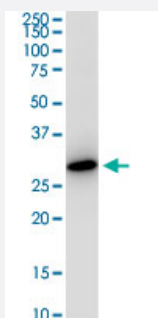


VAPA monoclonal antibody (M01), clone 4C12

Catalog # H00009218-M01

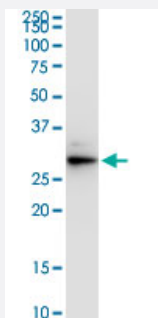
Size 100 ug

Applications



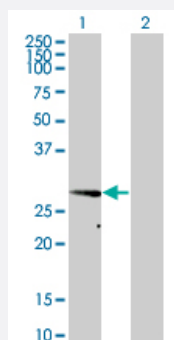
Western Blot (Tissue lysate)

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



Western Blot (Cell lysate)

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

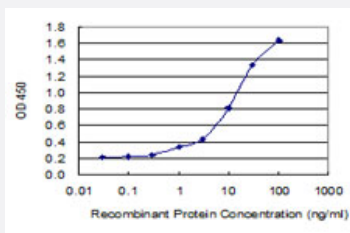


Western Blot (Transfected lysate)

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

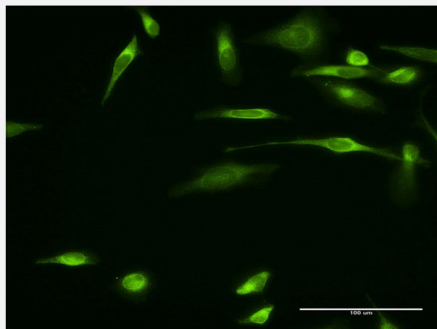
Lane 1: VAPA transfected lysate(27.3 KDa).

Lane 2: Non-transfected lysate.



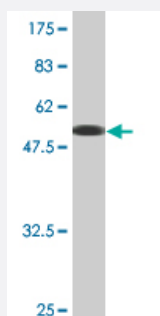
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VAPA is 0.1 ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (52.36 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant VAPA.
Immunogen	VAPA (AAH02992, 1 a.a. ~ 242 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAKHEQILVLDPPTDLKFKGPFTDVVTTNLKLRNPSDRKVCFKVKTAPRRYCVRPNSGIIDPGSTVTVSVMQLQPFDYDPNEKSKHKFMVQTIFAPPNTSDMEAVWKEAKPDELMSKLRCVFEMPNNDKLNDMEPSKAVPLNASKQDGPMPKPHSVSLNDTETRKLMEECKRLQGEMMKLSEENRHLRDEGLRLRKVAHSDKPGSTSTASFRDNVTSPLPSLLVVIAAIFIGFFLGKFIL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (52.36 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Transfected lysate)

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.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VAPA is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — VAPA

Entrez GeneID	9218
---------------	----------------------

GeneBank Accession#	BC002992
---------------------	--------------------------

Protein Accession#	AAH02992
--------------------	--------------------------

Gene Name	VAPA
Gene Alias	MGC3745, VAP-33, VAP-A, VAP33, hVAP-33
Gene Description	VAMP (vesicle-associated membrane protein)-associated protein A, 33kDa
Omim ID	605703
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	VAMP (vesicle-associated membrane protein)-associated protein A (33kD) vesicle-associated membrane protein-associated protein A

Pathway

- [Tight junction](#)

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)