

Product datasheet for **CF809018**

VAPA Mouse Monoclonal Antibody [Clone ID: OTI1D3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D3
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 2-227 of human VAPA (NP_919415) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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:	27.7 kDa
Gene Name:	VAMP associated protein A
Database Link:	NP_919415 Entrez Gene 30960 Mouse Entrez Gene 58857 Rat Entrez Gene 9218 Human Q9P0L0



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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. [provided by RefSeq, Jul 2008]

Synonyms:

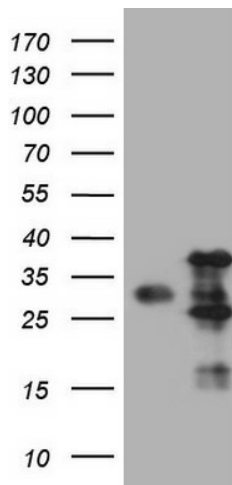
hVAP-33; VAMP-A; VAP-33; VAP-A; VAP33

Protein Families:

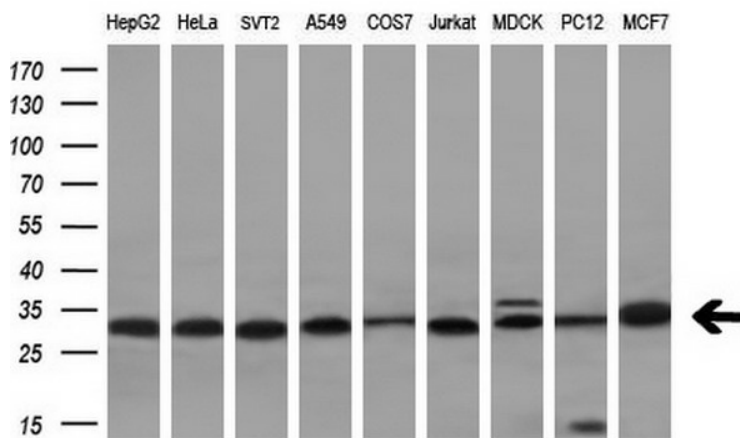
Transmembrane

Protein Pathways:

Tight junction

Product images:


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY VAPA [RC201164], 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-VAPA (1:2000). Positive lysates [LY403661] (100ug) and [LC403661] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 9 different cell lines by using anti-VAPA monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human) (1:200).