
Product Name: KD-Validated VAMP Associated Protein A Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA00835

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 27.9kDa

Antigen Information

Gene Name	VAPA VAPA; VAMP Associated Protein A; VAP-A; HVAP-33; VAMP (Vesicle-Associated Membrane Protein)-Associated Protein A, 33kDa; Vesicle-Associated Membrane Protein-Associated Protein A; 33 KDa VAMP-Associated Protein; VAMP-A; VAP-33; VAP33; VAMP (Vesicle-Associated Membrane Protein)-Associated Protein A (33kD); Epididymis Secretory Sperm Binding Protein; VAMP-Associated Protein A
Alternative Names	
Gene ID	9218.0
SwissProt ID	Q9P0L0
Immunogen	A synthesized peptide derived from human VAPA

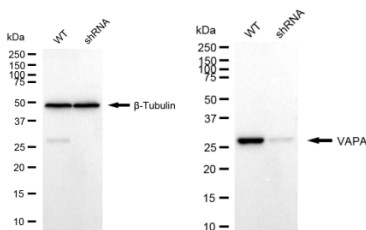
Background

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]

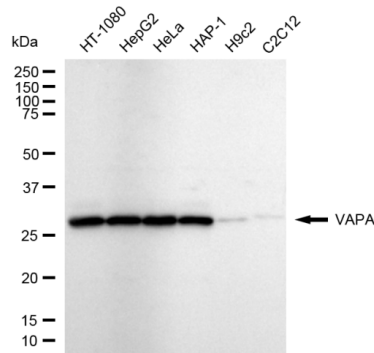
Research Area

Signal Transduction,Cancer,Metabolism

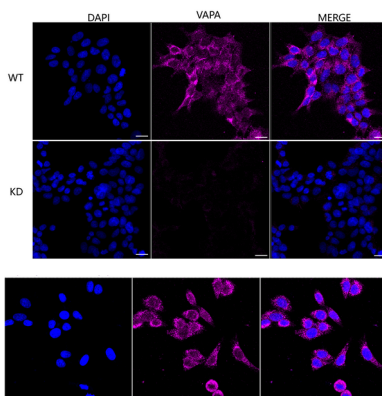
Image Data



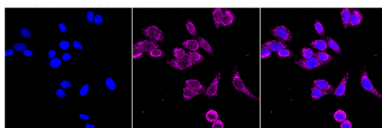
Western blotting analysis using VAPA antibody (KVA00835). VAPA expression in wild type (WT) and VAPA shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with VAPA antibody (KVA00835, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



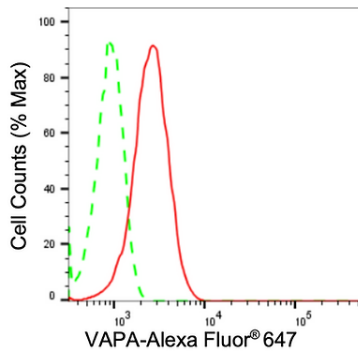
Western blotting analysis using VAPA antibody (KVA00835). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with VAPA antibody (KVA00835, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells using VAPA antibody (KVA00835, 1:1,000). Top panel: wild-type (WT); Bottom panel: VAPA shRNA knockdown (KD). Nuclei were stained blue with DAPI; VAPA was stained magenta with Alexa Fluor® 647. Scale bar, 20 μ m.



Immunocytochemical staining of HepG2 cells with VAPA antibody (KVA00835, 1:1,000). Nuclei were stained blue with DAPI; VAPA was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar: 20 μ m.



Flow cytometric analysis of VAPA expression in HepG2 cells using VAPA antibody (KVA00835, 1:2,000). Green, isotype control; red, VAPA.