

Product Name: KD-Validated VAMP8 Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01712

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
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
Molecular Weight	Calculated MW: 11.4kDa

Antigen Information

Gene Name	VAMP8
Alternative Names	VAMP8; Vesicle Associated Membrane Protein 8; VAMP-8; EDB; Vesicle-Associated Membrane Protein 8; Endobrevin; Vesicle-Associated Membrane Protein 8 (Endobrevin)
Gene ID	8673.0
SwissProt ID	Q9BV40
Immunogen	A synthesized peptide derived from human VAMP8

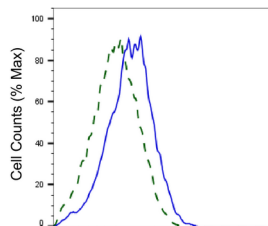
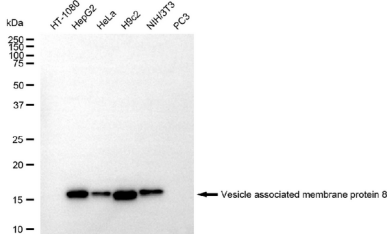
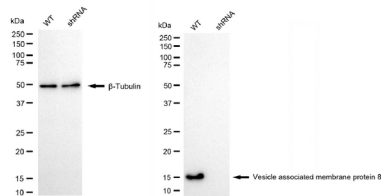
Background

This gene encodes an integral membrane protein that belongs to the synaptobrevin/vesicle-associated membrane protein subfamily of soluble N-ethylmaleimide-sensitive factor attachment protein receptors (SNAREs). The encoded protein is involved in the fusion of synaptic vesicles with the presynaptic membrane.[provided by RefSeq, Jun 2010]

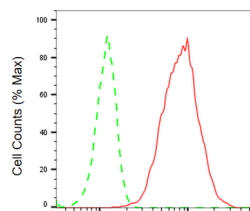
Research Area

Neuroscience, Immunology

Image Data



Vesicle associated membrane protein 8-Alexa Fluor® 647



Vesicle associated membrane protein 8-Alexa Fluor® 647

Western blotting analysis using vesicle associated membrane protein 8 antibody (KVA01712). Vesicle associated membrane protein 8 expression in wild-type (WT) and vesicle associated membrane protein 8 (VAMP8) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with vesicle associated membrane protein 8 antibody (KVA01712, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.

Western blotting analysis using vesicle associated membrane protein 8 antibody (KVA01712). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with vesicle associated membrane protein 8 antibody (KVA01712, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.

Validation of Vesicle associated membrane protein 8 knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with Vesicle associated membrane protein 8 antibody (KVA01712, 1:2,000) and analyzed using BD flow cytometer.

Flow cytometric analysis of Vesicle associated membrane protein 8 expression in HepG2 cells using Vesicle associated membrane protein 8 antibody (KVA01712, 1:2,000). Green, isotype control; red, Vesicle associated membrane protein 8.