

Product Name: KD-Validated Epsin 1 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01460**

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: 60.3kDa

Antigen Information

Gene Name	EPN1
Alternative Names	EPN1; Epsin 1; EH Domain-Binding Mitotic Phosphoprotein; EPS-15-Interacting Protein 1; Epsin-1
Gene ID	29924.0
SwissProt ID	Q9Y6I3
Immunogen	A synthesized peptide derived from human Epsin 1

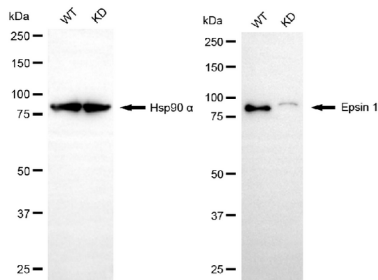
Background

This gene encodes a member of the epsin protein family. The encoded protein binds clathrin and is involved in the endocytosis of clathrin-coated vesicles. Loss of function of this gene is associated with reduced tumor growth and progression in certain cancer types. [provided by RefSeq, Mar 2016]

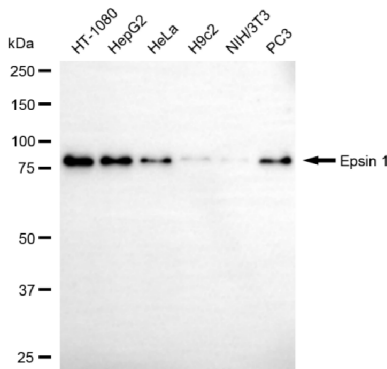
Research Area

Signal Transduction

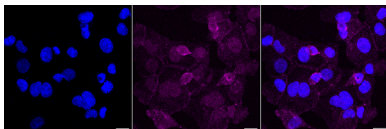
Image Data



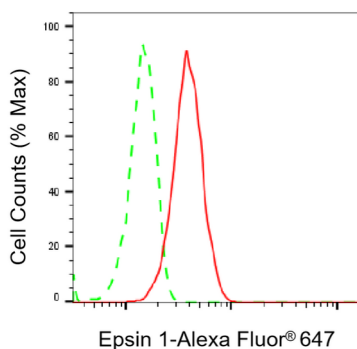
Western blotting analysis using epsin 1 antibody (KVA01460). Epsin 1 expression in wild-type (WT) and epsin 1 (EPN1) knockdown (KD) 293T cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with epsin 1 antibody (KVA01460, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using epsin 1 antibody (KVA01460). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with epsin 1 antibody (KVA01460, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HT-1080 cells with Epsin 1 antibody (KVA01460, 1:1,000). Nuclei were stained blue with DAPI; Epsin 1 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 µm.



Flow cytometric analysis of Epsin 1 expression in HepG2 cells using Epsin 1 antibody (KVA01460, 1:2,000). Green, isotype control; red, Epsin 1.