
Product Name: KD-Validated PACSIN3 Mouse Monoclonal Antibody**Catalog #: KVA01709**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Mouse 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 1:1,000-1:2,500; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 48.5kDa

Antigen Information

Gene Name	PACSIN3 PACSIN3; Protein Kinase C And Casein Kinase Substrate In Neurons 3; SDP11; Protein Kinase
Alternative Names	C And Casein Kinase Substrate In Neurons Protein 3; SH3 Domain-Containing Protein 6511; Syndapin III
Gene ID	29763.0
SwissProt ID	Q9UKS6
Immunogen	Recombinant protein of human PACSIN3

Background

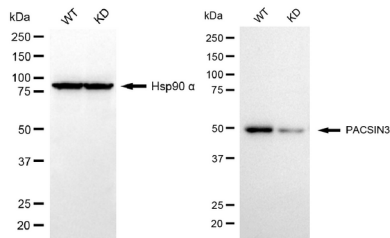
This gene is a member of the protein kinase C and casein kinase substrate in neurons family. The encoded protein is involved in linking the actin cytoskeleton with vesicle formation. Alternative splicing results in multiple transcript variants. [provided by

RefSeq, May 2010]

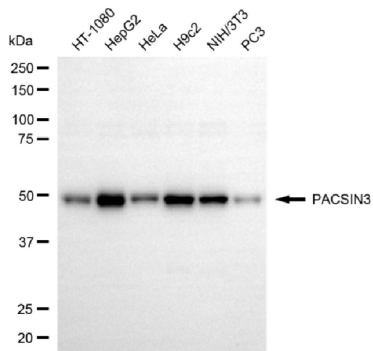
Research Area

Signal Transduction

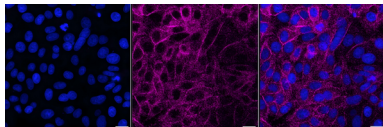
Image Data



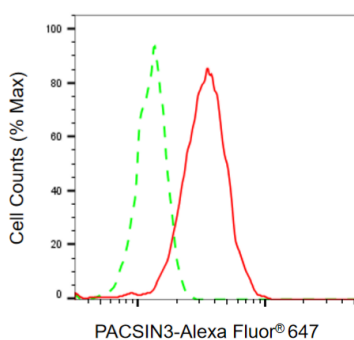
Western blotting analysis using PACSIN3 antibody (KVA01709). PACSIN3 expression in wild type (WT) and PACSIN3 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with PACSIN3 antibody (KVA01709, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using PACSIN3 antibody (KVA01709). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PACSIN3 antibody (KVA01709, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with PACSIN3 antibody (KVA01709, 1:1,000). Nuclei were stained blue with DAPI; PACSIN3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and Smart Gain: Low. Scale bar, 20 µm.



Flow cytometric analysis of PACSIN3 expression in HepG2 cells using PACSIN3 antibody (KVA01709, 1:2,000). Green, isotype control; red, PACSIN3.