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Recombinant Anti-Syndapin-3 Rabbit mAb

Catalog # AP95402

Product Information

Application	WB, IHC, FC, IP, IF/IC
Primary Accession	Q9UKS6
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	48487

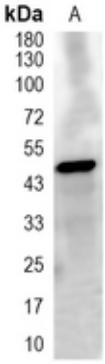
Additional Information

Gene ID	29763
Other Names	Protein kinase C and casein kinase substrate in neurons protein 3; SH3 domain-containing protein 6511
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Syndapin-3 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

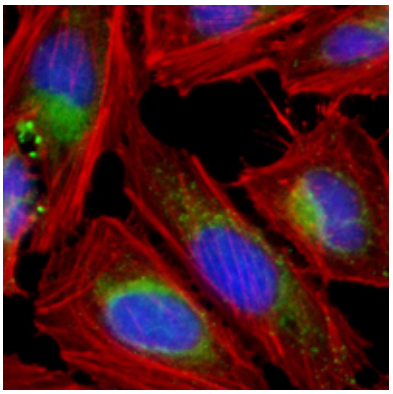
Protein Information

Name	PACSIN3
Function	Plays a role in endocytosis and regulates internalization of plasma membrane proteins. Overexpression impairs internalization of SLC2A1/GLUT1 and TRPV4 and increases the levels of SLC2A1/GLUT1 and TRPV4 at the cell membrane. Inhibits the TRPV4 calcium channel activity (By similarity).
Cellular Location	Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Detected at the inner aspect of the plasma membrane in myotubes.
Tissue Location	Widely expressed, with highest levels in heart and skeletal muscle, intermediate levels in placenta, liver and pancreas, and very low levels in brain, lung and kidney

Images



Western blot analysis of Syndapin-3 expression in Hela (A) whole cell lysates. (Predicted band size: 48 kD; Observed band size: 48 kD)



Immunofluorescent analysis of Syndapin-3 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).