

KD-Validated Anti-PACSIN3 Mouse Monoclonal Antibody

Mouse monoclonal antibody

Catalog # AGI1113

Product Information

Application	WB, FC
Primary Accession	Q9UKS6
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Names	25GB505
Calculated MW	48487
Gene Name	PACSIN3
Aliases	PACSIN3; Protein Kinase C And Casein Kinase Substrate In Neurons 3; SDPIII; Protein Kinase C And Casein Kinase Substrate In Neurons Protein 3; SH3 Domain-Containing Protein 6511; Syndapin III
Immunogen	Recombinant protein of human PACSIN3

Additional Information

Gene ID	29763
Other Names	Protein kinase C and casein kinase substrate in neurons protein 3, SH3 domain-containing protein 6511, PACSIN3

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

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