

Pacsin3 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14771

Product Information

Application	WB
Primary Accession	Q99JB8
Other Accession	NM_028733 , NP_083009
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48585

Additional Information

Gene ID	80708
Alias Symbol	4921507A02Rik, 6330413E15Rik, AW413130
Other Names	Protein kinase C and casein kinase II substrate protein 3, Pacsin3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Pacsin3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Pacsin3 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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.
Cellular Location	Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Detected at the inner aspect of the plasma membrane in myotubes
Tissue Location	Highly expressed in skeletal muscle, heart and lung; also detected in brain, kidney and uterus (at protein level)

References

Modregger J.,et al.J. Cell Sci. 113:4511-4521(2000).
Sumoy L.,et al.Gene 262:199-205(2001).
Cuajungco M.P.,et al.J. Biol. Chem. 281:18753-18762(2006).
Roach W.,et al.Biochem. Biophys. Res. Commun. 355:745-750(2007).
Villen J.,et al.Proc. Natl. Acad. Sci. U.S.A. 104:1488-1493(2007).

Images



WB Suggested Anti-Pacsin3 Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Heart

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.