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Pacsin3 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14771

Specification

Pacsin3 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	Q99JB8
Other Accession	NM_028733, NP_083009
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**48kDa KDa**

Pacsin3 antibody - C-terminal region - 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.

Pacsin3 antibody - C-terminal region - 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

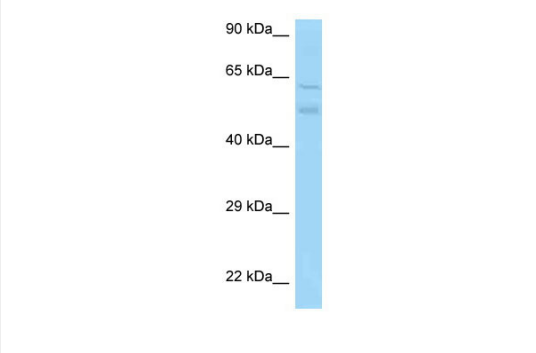
Tissue Location
Highly expressed in skeletal muscle, heart and lung; also detected in brain, kidney and uterus (at protein level)

Pacsin3 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Pacsin3 antibody - C-terminal region - Images



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

Pacsin3 antibody - C-terminal region - 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).