

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

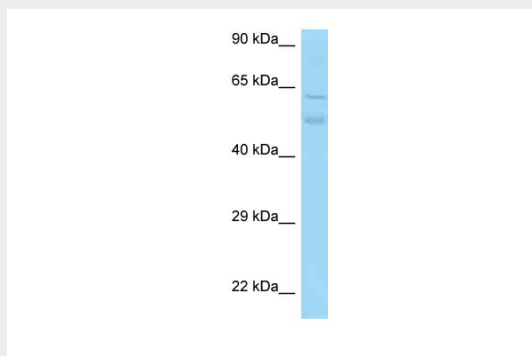
Tissue Location

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 Cytometry](#)
- [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).