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PARVA Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9318b

Specification

PARVA Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9NVD7

PARVA Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 55742

Other Names
Alpha-parvin, Actopaxin, CH-ILKBP, Calponin-like integrin-linked kinase-binding protein, Matrix-remodeling-associated protein 2, PARVA, MXRA2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PARVA Antibody (C-term) Blocking Peptide - Protein Information

Name PARVA

Synonyms MXRA2

Function
Plays a role in sarcomere organization and in smooth muscle cell contraction. Required for normal development of the embryonic cardiovascular system, and for normal septation of the heart outflow tract. Plays a role in sprouting angiogenesis and is required for normal adhesion of vascular smooth muscle cells to endothelial cells during blood vessel development (By similarity). Plays a role in the reorganization of the actin cytoskeleton, formation of lamellipodia and ciliogenesis. Plays a role in the establishment of cell polarity, cell adhesion, cell spreading, and directed cell migration.

Cellular Location
Cell junction, focal adhesion. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton Cytoplasm, myofibril, sarcomere, Z line. Note=Constituent of focal adhesions. Associates with the actin cytoskeleton

Tissue Location
Widely expressed, with highest levels in heart, skeletal muscle, kidney and liver.

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PARVA Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

PARVA Antibody (C-term) Blocking Peptide - Images

PARVA Antibody (C-term) Blocking Peptide - Background

PARVA is members of the parvin family, including PARVA, are actin-binding proteins associated with focal contacts.

PARVA Antibody (C-term) Blocking Peptide - References

Lorenz,S., et.al., Structure 16 (10), 1521-1531 (2008)Wang,X., et.al., J. Biol. Chem. 283 (30), 21113-21119 (2008)Ewing,R.M., et.al., Mol. Syst. Biol. 3, 89 (2007)