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PARVB Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11774a

Specification

PARVB Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9HBI1

PARVB Antibody (N-term) Blocking peptide - Additional Information

Gene ID 29780

Other Names
Beta-parvin, Affixin, PARVB

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.

PARVB Antibody (N-term) Blocking peptide - Protein Information

Name PARVB

Function
Adapter protein that plays a role in integrin signaling via ILK and in activation of the GTPases CDC42 and RAC1 by guanine exchange factors, such as ARHGEF6. Is involved in the reorganization of the actin cytoskeleton and formation of lamellipodia. Plays a role in cell adhesion, cell spreading, establishment or maintenance of cell polarity, and cell migration.

Cellular Location
Cell junction, focal adhesion. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton Cell projection, lamellipodium. Cytoplasm, myofibril, sarcomere Cytoplasm, myofibril, sarcomere, Z line. Note=Constituent of focal adhesions. Detected at the tips of the leading edge of cells Colocalizes with F-actin at the tips of lamellipodia

Tissue Location
Expressed predominantly in heart and skeletal muscle.

PARVB Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

PARVB Antibody (N-term) Blocking peptide - Images

PARVB Antibody (N-term) Blocking peptide - Background

Mutations in this gene are associated with Nijmegenbreakage syndrome, an autosomal recessive chromosomal instabilitysyndrome characterized by microcephaly, growth retardation,immunodeficiency, and cancer predisposition. The encoded protein isa member of the MRE11/RAD50 double-strand break repair complexwhich consists of 5 proteins. This gene product is thought to beinvolved in DNA double-strand break repair and DNA damage-inducedcheckpoint activation.

PARVB Antibody (N-term) Blocking peptide - References

Liu, Y., et al. Carcinogenesis 31(10):1762-1769(2010)Kavitha, C.V., et al. Biochem. Biophys. Res. Commun. 399(4):575-580(2010)Ho-Pun-Cheung, A., et al. Pharmacogenomics J. (2010) In press :Jelonek, K., et al. J. Appl. Genet. 51(3):343-352(2010)Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :