10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Mouse Parva Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18689a

Specification

Mouse Parva Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9EPC1
Other Accession	Q9HB97, NP_065631.3
Reactivity	**Mouse**
Predicted	**Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**42330**
Antigen Region	**66-93**

Mouse Parva Antibody (N-term) - Additional Information

Gene ID 57342

Other Names
Alpha-parvin, Actopaxin, Parva, Actp

Target/Specificity
This Mouse Parva antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 66-93 amino acids from the N-terminal region of mouse Parva.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Mouse Parva Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Parva Antibody (N-term) - Protein Information

Name Parva

Synonyms Actp

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. 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. Within the IPP (ILK-PINCH- PARVIN) complex, binds to F-actin, promoting F-actin bundling, a process required to generate force for actin cytoskeleton reorganization and subsequent dynamic cell adhesion events such as cell spreading and migration (By similarity).

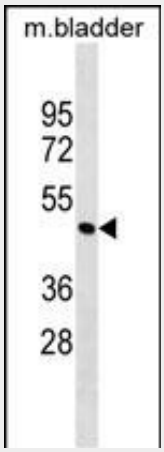
Cellular Location
Cell junction, focal adhesion. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytoskeleton Cytoplasm, myofibril, sarcomere, Z line

Mouse Parva Antibody (N-term) - 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

Mouse Parva Antibody (N-term) - Images



Mouse Parva Antibody (N-term) (Cat. #AP18689a) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the Parva antibody detected the Parva protein (arrow).

Mouse Parva Antibody (N-term) - Background

Parva probably plays a role in the regulation of cell adhesion and cytoskeleton organization.

Mouse Parva Antibody (N-term) - References

Montanez, E., et al. EMBO J. 28(20):3132-3144(2009)
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