

Mouse Parva Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18689a

Product Information

Application	WB, E
Primary Accession	Q9EPC1
Other Accession	Q9HB97 , NP_065631.3
Reactivity	Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38654
Calculated MW	42330
Antigen Region	66-93

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.

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

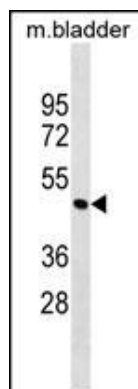
Background

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

References

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Stanchi, F., et al. J. Cell. Sci. 122 (PT 11), 1800-1811 (2009) :
Pereira, J.A., et al. J. Cell Biol. 185(1):147-161(2009)
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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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.