

Phospho-Parvin alpha (Ser8) Rabbit mAb

Catalog # AP75871

Specification

Phospho-Parvin alpha (Ser8) Rabbit mAb - Product Information

Application WB, ICC Primary Accession Q9NVD7

Reactivity Human, Mouse, Rat

Rabb

Clonality Monoclonal Antibody

Calculated MW 42244

Phospho-Parvin alpha (Ser8) Rabbit mAb - Additional Information

Gene ID 55742

Other Names

PARVA

Host

Dilution

WB~~1/500-1/1000

ICC~~N/A

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Phospho-Parvin alpha (Ser8) Rabbit mAb - 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. 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 (PubMed:30367047).

Cellular Location



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

Tissue Location

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

Phospho-Parvin alpha (Ser8) Rabbit mAb - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Phospho-Parvin alpha (Ser8) Rabbit mAb - Images

