

ARG59459 anti-alpha Parvin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes alpha Parvin
Tested Reactivity	Hu, Ms, Rat
Predict Reactivity	Hm
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	alpha Parvin
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 155-185 of Human alpha Parvin. (QKLQTVLEKINETLKLPPRSIKWNVDVHAK)
Conjugation	Un-conjugated
Alternate Names	Calponin-like integrin-linked kinase-binding protein; Actopaxin; Alpha-parvin; CH-ILKBP; MXRA2; Matrix-remodeling-associated protein 2

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.1 - 0.5 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

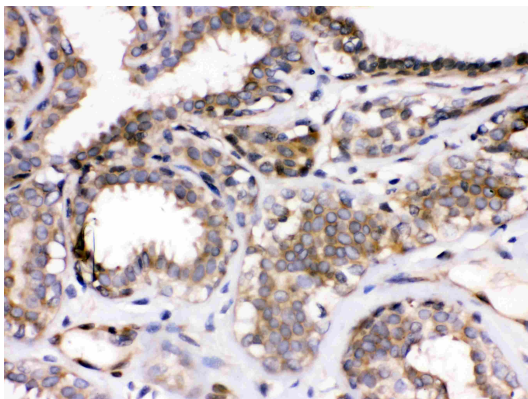
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

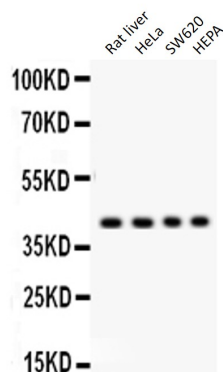
Gene Symbol	PARVA
Gene Full Name	parvin, alpha
Background	This gene encodes a member of the parvin family of actin-binding proteins. Parvins are associated with focal contacts and contain calponin homology domains that bind to actin filaments. The encoded protein is part of the integrin-linked kinase signaling complex and plays a role in cell adhesion, motility and survival. [provided by RefSeq, Dec 2010]
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. [UniProt]
Calculated Mw	42 kDa
Cellular Localization	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. [UniProt]

Images



ARG59459 anti-alpha Parvin antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human mammary cancer stained with ARG59459 anti-alpha Parvin antibody.



ARG59459 anti-alpha Parvin antibody WB image

Western blot: 50 µg of Rat liver, 40 µg of HeLa, 40 µg of SW620 and 40 µg of HEPA stained with ARG59459 anti-alpha Parvin antibody at 0.5 µg/ml dilution.