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Paxillin Antibody

Rabbit mAb
Catalog # AP90317

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P49023
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Paired box protein Pax-1; PAX-1; PAXI; paxillin; paxillin alpha;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	64505

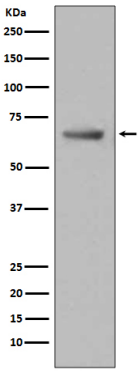
Additional Information

Dilution	WB 1:500~1:1000 IHC 1:50~1:100 ICC/IF 1:50~1:100 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Paxillin
Description	Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). PXN is a multi-domain cytoskeletal protein that localizes primarily to focal adhesion sites to the extracellular matrix. Phosphorylated by focal adhesion kinase (FAK) and is a component of integrin signaling. Its phosphorylation provides docking sites for recruitment of signaling molecules to focal adhesions.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	PXN (HGNC:9718)
Function	Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Recruits other proteins such as TRIM15 to focal adhesion.
Cellular Location	Cytoplasm, cytoskeleton. Cell junction, focal adhesion. Cytoplasm, cell cortex {ECO:0000250|UniProtKB:Q8VI36}. Note=Colocalizes with integrins at the cell periphery. Colocalize with PXN to membrane ruffles and the leading edge of migrating cells (PubMed:23128389). {ECO:0000250, ECO:0000269|PubMed:23128389}

Images



Western blot analysis of Paxillin expression in HeLa cell lysate.

Image not found : 202311/AP90317-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using Paxillin Antibody.

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