

Anti-Paxillin Antibody (Monoclonal, PXC-10)

Catalog # ABO10465

Product Information

Application	WB, ICC
Primary Accession	Q66H76
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Format	Lyophilized
Description	Mouse IgG monoclonal antibody for Paxillin, paxillin (PXN) detection. Tested with WB, ICC in Human;mouse;rat;chicken. No cross reactivity with other proteins.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

Additional Information

Gene ID	360820
Other Names	Paxillin, Pxn
Calculated MW	64019
Application Details	Immunocytochemistry , 1 µg/ml, Human, mouse, rat, chicken, - Western blot, 1-2 µg/ml, Human, mouse, rat, chicken
Subcellular Localization	Cytoplasm, cytoskeleton . Cell junction, focal adhesion . Cytoplasm, cell cortex . Colocalizes with integrins at the cell periphery. Colocalizes with PXN to membrane ruffles and the leading edge of migrating cells (By similarity). .
Source	Eukaryota
Protein Name	Paxillin
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Clone Names	PXC-10
Immunogen	C-terminal part of recombinant chicken paxillin(amino acids 305-559).
Purification	Ascites
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also

Sequence Similarities

be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated freezing and thawing.
Belongs to the paxillin family.

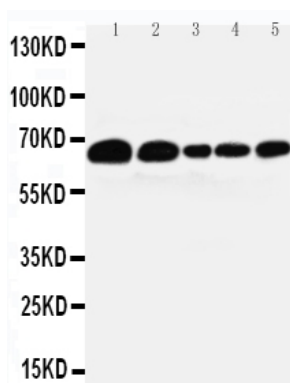
Protein Information

Name	Pxn {ECO:0000312 RGD:1305759}
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 {ECO:0000250 UniProtKB:P49023}. Cell junction, focal adhesion {ECO:0000250 UniProtKB:P49023}. Cytoplasm, cell cortex {ECO:0000250 UniProtKB:Q8VI36}. Note=Colocalizes with integrins at the cell periphery. Colocalizes with PXN to membrane ruffles and the leading edge of migrating cells (By similarity) {ECO:0000250 UniProtKB:P49023}

Background

The paxillin gene can be alternatively spliced to include 1 of 2 alternative exons, generating beta and gamma isoforms. Paxillin is a 68-kDa focal adhesion protein that is phosphorylated on tyrosine residues in fibroblasts in response to transformation by v-src, treatment with platelet-derived growth factor, or cross-linking of integrins. The 68-kD protein(paxillin) is a cytoskeletal component that localizes to the focal adhesions at the ends of actin stress fibers in chicken embryo fibroblasts. It is also present in the focal adhesions of Madin-Darby bovine kidney(MDBK) epithelial cells but is absent, like talin, from the cell-cell adherens junctions of these cells.

Images



Anti-Paxillin antibody (monoclonal), ABO10465, Western blotting
Lane 1: 293T Cell Lysate
Lane 2: HELA Cell Lysate
Lane 3: MCF-7 Cell Lysate
Lane 4: MM231 Cell Lysate
Lane 5: JURKAT Cell Lysate

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