

Mouse Paxillin (Tyr-31) Monoclonal Antibody | anti-Pxn antibody

Anti-Paxillin (Tyr-31), phospho-specific

CATALOG # AAA71507	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot, ELISA
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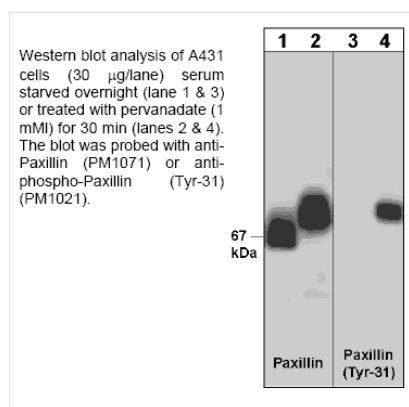
PRODUCT SYNONYMS

Paxillin (Tyr-31); Monoclonal Antibody; Anti-Paxillin (Tyr-31); phospho-specific; Paxillin; anti-Pxn antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody detects a 72kDa* protein corresponding to the molecular mass of phosphorylated paxillin on SDS-PAGE immunoblots of pervanadate treated A431 cells, but not in A431 control cells.
Purity/Purification	Protein A Purified
Form/Format	Mouse monoclonal antibody purified with protein A chromatography is supplied in 100ml phosphate-buffered saline, 50% glycerol, 1 mg/ml BSA, and 0.05% sodium azide.
Sequence Length	586
Applicable Applications for anti-Pxn antibody	WB (Western Blot), ELISA
Immunogen	Clone M102 was generated from phospho-Paxillin (Tyr-31) synthetic peptide (coupled to KLH) corresponding to amino acid residues around tyrosine 31 of human paxillin. This human sequence is highly conserved in rat and mouse paxillin.
Preparation and Storage	Store at -20 degree C. Do not aliquot. Stable for 1 year.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-Pxn antibody	Paxillin is involved in focal adhesion formation during cell adhesion and migration. Paxillin contains LD motifs, LIM domains, and an SH3- and SH2-binding domain that participate in a variety of protein-protein interactions with kinases, GTPase-activating proteins, and cytoskeletal proteins. Phosphorylation of paxillin occurs at both tyrosine and serine sites. Tyrosine phosphorylation of paxillin occurs in response to growth factors, neuropeptides, and integrins. The major sites of tyrosine phosphorylation include Tyr-31 and Tyr-118. Both of these sites may be involved in Crk binding to paxillin during integrin-mediated cell adhesion. These sites may provide docking motifs for recruitment of other signaling molecules to focal adhesions.
References	• Salgia, R. et al. (1995) J Biol Chem. 270(49):29145. • Schaller, M.D & Schaefer, E.M. (2001) Biochem J. 360:57.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58865866
NCBI GeneID	360820
NCBI Accession #	NP_001012147.1
NCBI GenBank Nucleotide #	NM_001012147.1
UniProt Accession #	Q66H76; Q1EG89
NCBI Official Full Name	paxillin
NCBI Official Synonym Full Names	paxillin
NCBI Official Symbol	Pxn
NCBI Official Synonym Symbols	Pxn
NCBI Protein Information	paxillin; myocardial ischemic preconditioning associated protein 7
UniProt Protein Name	Paxillin
UniProt Gene Name	Pxn
UniProt Entry Name	PAXI_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/paxillin-tyr-31-antibody-western-blot-elisa/71507>