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PRODUCT DATASHEET

Anti-Paxillin (Ser-178), Phosphospecific Antibody

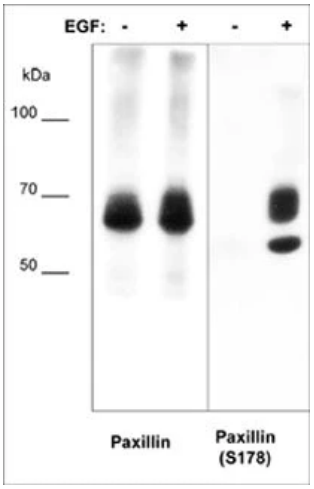
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:PP1051)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PXN
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, IHC, WB
Dilution Ranges	WB: 1:500 IHC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-Paxillin (Ser-178) synthetic peptide (coupled to KLH) corresponding to amino acid residues around serine 178 of human paxillin. This human sequence is highly conserved in rat and mouse paxillin.
Specificity	This antibody detects a 68kDa* protein corresponding to the molecular mass of phosphorylated paxillin on SDS-PAGE immunoblots of EGF treated A431 cells, but not in A431 control cells. Similar results were seen in calyculin A treated human A431 and aortic endothelial cells.
Molecular Weight	68
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	P49023 UniProt Summary: 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.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Ser-178
NCBI Gene ID	5829

Product Images



Western blot analysis of A431 cells (20 µg/lane) serum starved overnight and treated with EGF (100 ng/ml) for 5 min. The blot was probed with anti-Paxillin mouse monoclonal (PM1071) or anti-Paxillin (Ser-178) rabbit polyclonal (PP1051).