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PRODUCT DATASHEET

Anti-Paxillin (Thr-538), Phosphospecific Antibody

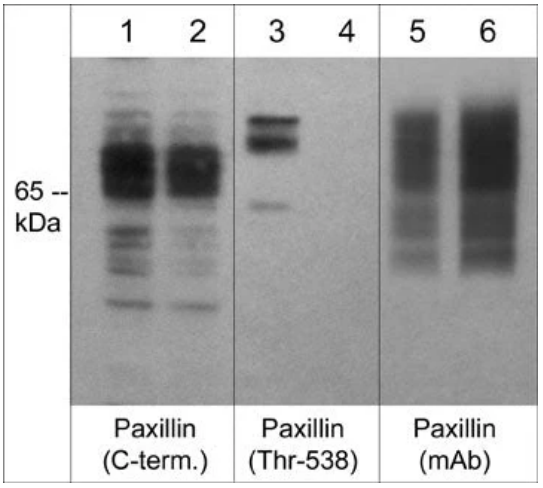
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:PP4491)
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, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Chicken, Frog, Human, Mouse, Rat
Immunogen	Phospho-Paxillin (Thr-538) synthetic peptide (coupled to KLH) corresponding to amino acid residues around threonine 538 from human paxillin a. This sequence is highly conserved in rat and mouse paxillin and is also found in the other paxillin isoforms (b & g).
Specificity	This antibody detects a 68kDa* protein corresponding to the molecular mass of paxillin on SDS-PAGE immunoblots of A431 cells treated with calyculin A. This reactivity is not observed after lambda phosphatase treatment.
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	Thr-538
NCBI Gene ID	5829

Product Images



Western blot analysis of human A431 cells treated with Calyculin A (100 nm) for 30 min (lanes 1-6). The blot was treated with lambda phosphatase (lanes 2, 4, & 6), then probed with rabbit polyclonal anti-Paxillin (C-terminal; PP1161) (lanes 1 & 2), anti-phospho-Paxillin (Thr-538; PP4491) (lanes 3 & 4), and mouse monoclonal anti-Paxillin (PM1071) (lanes 5 & 6).