

Anti-Paxillin (Ser-83), Phosphospecific Antibody

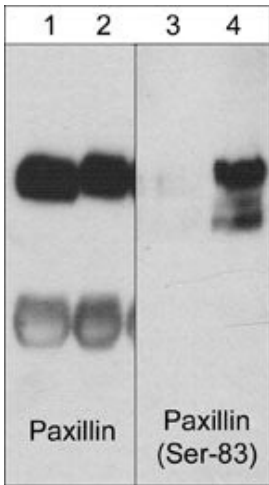


Product Details

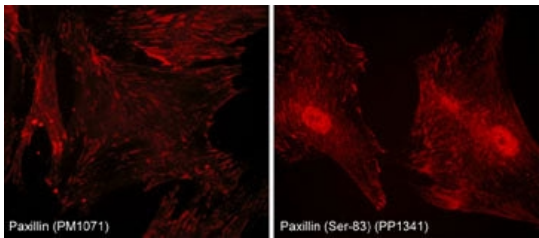
Available Variants	100 µL (SKU:PP1341)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	PXN
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:50
Species Reactivity	Mouse, Rat
Immunogen	Phospho-Paxillin (Ser-83) synthetic peptide (coupled to KLH) corresponding to amino acid residues around serine 83 of mouse paxillin. This sequence is highly conserved in rat and human paxillin and is also found in all isoforms (a, b, g) of paxillin.
Specificity	The antibody detects a 68kDa* protein corresponding to the molecular mass of phosphorylated paxillin on SDS-PAGE immunoblots of NGF treated rat PC12 cells, as well as calyculin A treated human A431 cells and mouse macrophages.
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	Q8VI36
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-83

Product Images



Western blot analysis of PC12 cells untreated (lanes 1 & 3) or treated with NGF (200 ng/ml) for 60 min (lanes 2 & 4). The blots were probed with mouse monoclonal anti-Paxillin (PM1071; lane 1 & 2) or rabbit polyclonal anti-Paxillin (Ser-83) phospho-specific antibody (lane 3 & 4).



Immunocytochemical labeling of Ser-83 phosphorylated paxillin in rabbit spleen fibroblasts. The cells were labeled with mouse monoclonal Paxillin (left) and rabbit polyclonal Paxillin (Ser-83, right) antibodies, then detected using appropriate secondary antibodies conjugated to Cy3.



Western blot image of cultured mouse osteoblasts +/-TG-interacting factor 1 (Tgif1). Tgif1 deficiency does not alter the abundance or activation of the FA components and Tgif1 does not co-localize with FA complexes. The representative western blot demonstrates the abundance of p-Paxillin (ser83, Cat no PP 1341, 1:1000) and Paxillin. Actin was used as a loading control. Image from publication, CC-BY-4.0. [PMID: 38661167](https://pubmed.ncbi.nlm.nih.gov/38661167/).

Product Page URL: www.antibodiesinc.com/products/anti-paxillin-ser-83-phosphospecific-antibody-pp1341



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