PXN Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	PXN, Blocking Peptide
Full Product Name	PXN Peptide - N-terminal region
Product Gene Name	PXN blocking peptide
Product Synonym Gene Name	PXN;
Sequence	Synthetic peptide located within the following region: ADGERCWAAG WPRDGGRSSP GGQDEGGGSW PLEEVVLLVS ISSSVQEGEK
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	PXN peptide (MBS3244094) is used for blocking the activity of PXN antibody (MBS3219202)
Molecular Weight	44kDa
Product Categories/Family for PXN blocking peptide	Peptide
Applications Tested/Suitable for PXN blocking peptide	Western Blot (WB)
Related Product Information for PXN blocking peptide	This is a synthetic peptide designed for use in combination with anti-PXN Antibody, made Target Description: This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties.
Other Notes	Small volumes of PXN blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PXN purchase	MBS3244094 is a blocking peptide targeting PXN. Also known as PXN Peptide - N-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PXN. It may not necessarily be applicable to this product.

NCBI GI #	530401383
NCBI GeneID	5829
NCBI Accession #	XP_005253974
UniProt Primary Accession #	E7EMK8
UniProt Related Accession #	P49023
GenBank Nucleotide #	XM_005253917.3
NCBI Official Full Name	paxillin isoform X20

NCBI Official Synonym Full Names	paxillin
NCBI Official Symbol	PXN
Protein Family	Paxillin
NCBI Protein Information	paxillin
NCBI Summary for PXN	This gene encodes a cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). Alternatively spliced transcript variants encoding different isoforms have been described for this gene. These isoforms exhibit different expression pattern, and have different biochemical, as well as physiological properties (PMID:9054445). [provided by RefSeq, Aug 2011]
Research Articles on PXN	**1.** Glucosamine affects signaling pathway activation of NK-92 immune cells, changing the phosphorylation of FOXO1, paxillin, and the ERK map kinase pathway
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