PNN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PNN, Polyclonal Antibody
Full Product Name	PNN Polyclonal Antibody
Product Gene Name	anti-PNN antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	67kDa; 81kDa
OMIM	603154
3D Structure	ModBase 3D Structure for Q9H307
Immunogen	A synthetic peptide of human PNN.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PNN antibody	Western Blot (WB)
Application Notes for anti-PNN antibody	WB: 1:500-1:2000
Related Product Information for anti-PNN antibody	MBS8571592 is an antibody targeting PNN. Also known as PNN Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-PNN antibody 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.

ADDITIONAL DETAILS

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

NCBI GI #	33356174
NCBI GeneID	5411
NCBI Accession #	NP_002678.2
UniProt Primary Accession #	Q9H307
UniProt Related Accession #	Q9H307
GenBank Nucleotide #	NP_002678.2
NCBI Official Full Name	pinin

NCBI Official Synonym Full Names	pinin, desmosome associated protein
NCBI Official Symbol	PNN
NCBI Official Synonym Symbols	DRS; DRSP; SDK3; memA
UniProt Protein Name	Pinin
UniProt Synonym Protein Names	140 kDa nuclear and cell adhesion-related phosphoprotein; Desmosome-associated protein; Domain-rich serine protein; DRS protein; DRSP; Melanoma metastasis clone A protein; Nuclear protein SDK3; SR-like protein
Protein Family	Pinin
UniProt Gene Name	PNN
UniProt Synonym Gene Names	DRS; MEMA; DRS protein; DRSP
UniProt Entry Name	PININ_HUMAN
NCBI Protein Information	pinin
UniProt Comments for PNN	PNN: Transcriptional activator binding to the E-box 1 core sequence of the E-cadherin promoter gene; the core-binding sequence is 5'CAGGTG-3'. Capable of reversing CTBP1-mediated transcription repression. Component of a splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of a few core proteins and several more peripheral nuclear and cytoplasmic associated factors that join the complex only transiently either during EJC assembly or during subsequent mRNA metabolism. Participates in the regulation of alternative pre-mRNA splicing. Associates to spliced mRNA within 60 nt upstream of the 5'-splice sites. Involved in the establishment and maintenance of epithelia cell-cell adhesion. Potential tumor suppressor for renal cell carcinoma. Belongs to the pinin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Tumor suppressor; Spliceosome; RNA-binding; RNA splicing; Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 14q21.1 Cellular Component: nucleoplasm; desmosome; membrane; cytoplasm; plasma membrane; intermediate filament; nuclear speck; intercellular junction Molecular Function: DNA binding; structural molecule activity Biological Process: nuclear mRNA splicing, via spliceosome; transcription, DNA-dependent; regulation of transcription, DNA-dependent; cell adhesion
Research Articles on PNN	**1.** Data suggest that SNRPA1, SNRPD1, and PNN are key players in the regulation of pluripotency-specific spliceosome assembly and the acquisition and maintenance of pluripotency.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/pnn/8571592