

Rabbit PNN Polyclonal Antibody | anti-PNN antibody

PNN Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283920	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

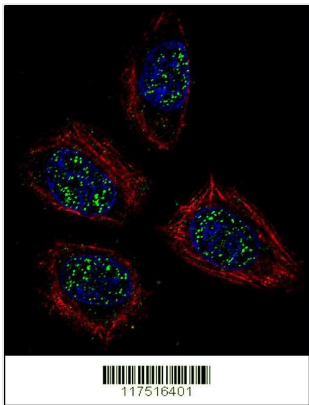
PRODUCT SYNONYMS

PNN; Polyclonal Antibody; PNN Antibody (Center); Pinin; 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; DRS; MEMA; anti-PNN antibody

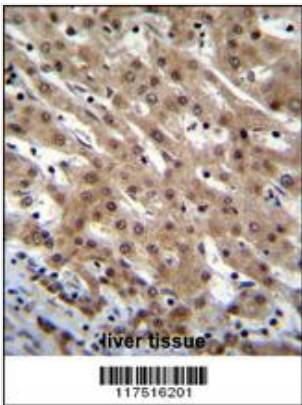
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PNN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 209-239 amino acids from the Central region of human PNN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.42 (varies by lot)
Sequence Positions	209-239
Sequence Length	717
Applicable Applications for anti-PNN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

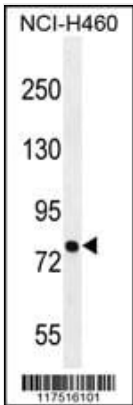
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of PNN Antibody (Center) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
PNN Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PNN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
PNN Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the PNN antibody detected the PNN protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PNN antibody	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.
Product Categories/Family for anti-PNN antibody	Cancer
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Alpatov, R., et al. Mol. Cell. Biol. 28(5):1584-1595(2008) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Matsuoka, S., et al. Science 316(5828):1160-1166(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356174
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NCBI GeneID	5411
NCBI Accession #	NP_002678.2
NCBI GenBank Nucleotide #	NM_002687.3
UniProt Accession #	Q9H307; O60899; Q53EM7; Q6P5X4; Q7KYL1; Q99738; Q9UHZ9; Q9UQR9; B4DZX8
Molecular Weight	81614
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
NCBI Protein Information	pinin
UniProt Protein Name	Pinin
UniProt Gene Name	PNN
UniProt Synonym Gene Names	DRS; MEMA; DRS protein; DRSP
UniProt Entry Name	PININ_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pnn-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/283920>