

## PNN Antibody

Catalog No: #34907

Package Size: #34907-1 50ul #34907-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

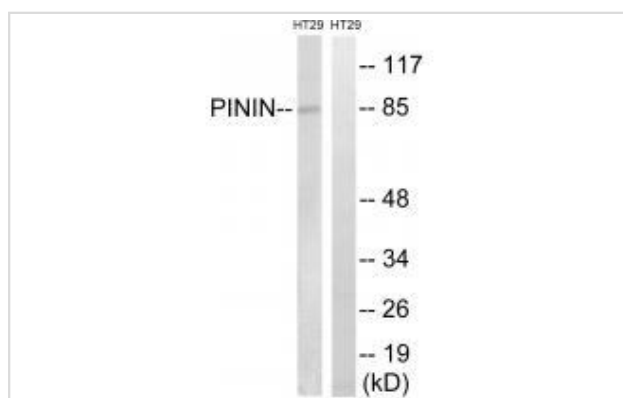
## Description

Product Name	PNN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PNN protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PNN.
Target Name	PNN
Other Names	140 kDa nuclear and cell adhesion-related phosphoprotein; Desmosome-associated protein; Domain-rich serine protein; DRS; DRSP
Accession No.	Swiss-Prot: Q9H307NCBI Gene ID: 5411
Uniprot	Q9H307
GeneID	5411;
SDS-PAGE MW	85kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

## Application Details

Western blotting: 1:500~1:3000

## Images



Western blot analysis of extracts from HT-29 cells, using PNN antibody #34907.

## Background

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. Auxiliary component of the splicing-dependent multiprotein exon junction complex (EJC) deposited at splice junction on mRNAs. The EJC is a dynamic structure consisting of core proteins and several 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. Component of the PSAP complex which binds RNA in a sequence-independent manner and is proposed to be recruited to the EJC prior to or during the splicing process and to regulate specific excision of introns in specific transcription subsets. Involved in the establishment and maintenance of epithelia cell-cell adhesion. Potential tumor suppressor for renal cell carcinoma.

Ouyang P., J. Cell Biol. 135:1027-1042(1996).

Degen W.G.J., Biochim. Biophys. Acta 1444-384-394(1999).

Shi Y., Oncogene 19:289-297(2000).

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Note: This product is for in vitro research use only