

For Research Use Only

Pinin Recombinant antibody

Catalog Number: 86292-1-RR



Basic Information

Catalog Number: 86292-1-RR	GenBank Accession Number: BC062602	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 5411	CloneNo.: 251028A12
Source: Rabbit	UNIPROT ID: Q9H307	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:500-1:2000
Isotype: IgG	Full Name: pinin, desmosome associated protein	
Immunogen Catalog Number: AG38940	Calculated MW: 82 kDa Observed MW: 140 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HepG2 cells, HEK-293 cells, L02 cells, DU 145 cells IF/ICC : HepG2 cells,

Background Information

PNN, also named as DRS or 140 kDa nuclear and cell adhesion-related phosphoprotein, is a 717 amino acid protein, which belongs to the pinin family. PNN localizes in the plasma membrane and is expressed in placenta, lung, liver, kidney, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon, heart, epidermis, esophagus, brain and smooth and skeletal muscle. PNN is expressed strongly in melanoma metastasis lesions and advanced primary tumors. PNN as a transcriptional activator binds to the E-box 1 core sequence of the E-cadherin promoter gene. PNN is involved in the establishment and maintenance of epithelia cell-cell adhesion. PNN is a potential tumor suppressor for renal cell carcinoma. The calculated molecular weight of PNN is 82 kDa (native form), but the post-modified protein is 140 kDa (phospho form of isoform 1).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

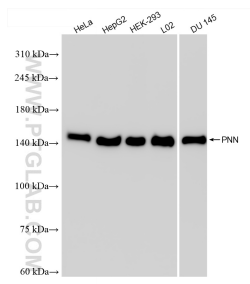
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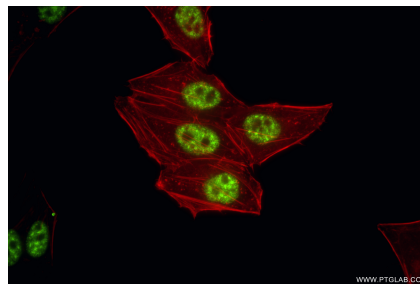
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86292-1-RR (PNN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PNN antibody (86292-1-RR, Clone: 251028A12) at dilution of 1:1000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).