

For Research Use Only

# PIN4 Polyclonal antibody

Catalog Number: 15789-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 15789-1-AP	<b>GenBank Accession Number:</b> BC005234	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 160 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5303	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9Y237	
<b>Isotype:</b> IgG	<b>Full Name:</b> protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin)	
<b>Immunogen Catalog Number:</b> AG8489	<b>Calculated MW:</b> 131 aa, 14 kDa	
	<b>Observed MW:</b> 14 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : mouse liver tissue, HeLa cells, mouse brain tissue, mouse kidney tissue IHC : human liver cancer tissue, human kidney tissue, human liver tissue
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

PIN4, also known as EPVH, hPar14, is a member of the parvulin subfamily of the peptidyl-prolyl cis/trans isomerase protein family. PIN4 is the first eukaryotic member of the parvulin family of PPIases and contains a PPIase domain preceded by a 40-amino acid glycine- and lysine-rich N-terminal sequence.

## Notable Publications

Author	Pubmed ID	Journal	Application
Miki Naito	36583514	Cancer Med	WB

## Storage

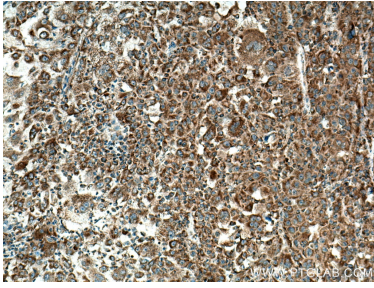
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

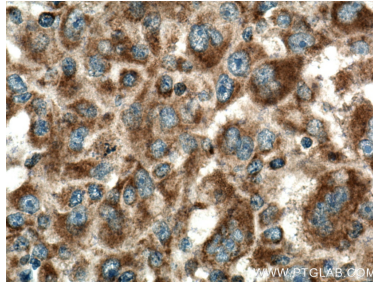
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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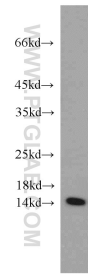
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15789-1-AP (PIN4 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 15789-1-AP (PIN4 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse liver tissue were subjected to SDS PAGE followed by western blot with 15789-1-AP (PIN4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.