

For Research Use Only

PPIL1 Recombinant antibody, PBS Only

Catalog Number: 86312-1-PBS



Basic Information

Catalog Number:	86312-1-PBS	GenBank Accession Number:	BC003048	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	51645	CloneNo.:	250902G7
Source:	Rabbit	UNIPROT ID:	Q9Y3C6		
Isotype:	IgG	Full Name:	peptidylprolyl isomerase (cyclophilin)-like 1		
Immunogen Catalog Number:	AG7436	Calculated MW:	18 kDa		
		Observed MW:	18 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

Peptidyl-prolyl isomerase (PPase) catalyzes the interconversion of a specific Pro-imide bond between the cis and trans conformations. PPIL1 (Peptidyl-prolyl cis-trans isomerase-like 1) is up-regulated in human colon cancer cells and an siRNA-mediated knockdown of PPIL1 resulted in a reduced number of viable cell (PMID: 20368803). Expression of PPIL1 was shown to be ubiquitous across all adult tissues (with highest expression in the adrenal gland, testis and heart). PPIL1 is also known to participate in the spliceosome; a complex and dynamic protein and RNA complex responsible for splicing introns from pre-mRNA (PMID: 33220177, 8978786).

Storage

Storage:

Store at -80°C.

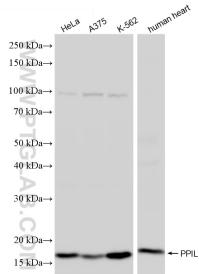
Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:
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in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86312-1-RR (PPIL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86312-1-PBS in a different storage buffer formulation.