

For Research Use Only

# PPIL1 Recombinant antibody, PBS Only

Catalog Number: 86312-1-PBS



## Basic Information

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

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Peptidyl-prolyl isomerase (PPIase) 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

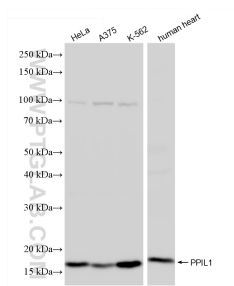
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

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