

For Research Use Only

# PPIL2 Recombinant monoclonal antibody

Catalog Number: 87496-1-RR



## Basic Information

<b>Catalog Number:</b> 87496-1-RR	<b>GenBank Accession Number:</b> NM_148176.2	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 23759	<b>CloneNo.:</b> 252848F8
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q13356-2	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Immunogen Catalog Number:</b> EG6018	<b>Full Name:</b> peptidylprolyl isomerase (cyclophilin)-like 2	
	<b>Calculated MW:</b> 59 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	WB : mouse kidney tissue, HEK-293 cells, rat kidney tissue, mouse thymus tissue, mouse pancreas tissue, rat testis tissue, human kidney tissue

## Background Information

Peptidylprolyl isomerase (cyclophilin)-like 2 (PPIL2), also known as Cyclophilin-like protein Cyp-60, is a U-box-type E3 ubiquitin ligase belonging to the cyclophilin family. PPIL2 is also a target of the JAK2/STAT5 pathway and upregulated in patients with MPNs (PMID: 36092721, 25992900). PPIL2 is a large ~60 kDa (520 amino acids) protein that has a central cyclophilin-like domain and also has an N-terminal U-box domain that exhibits E3 ligase activity. Western detected PPIL2 at an apparent molecular mass of 60-70 kDa (PMID: 40338661, 29352246).

## 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:

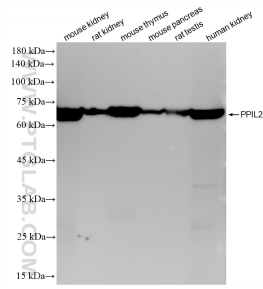
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

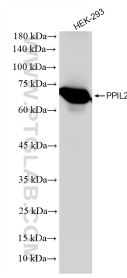
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87496-1-RR (PPIL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 87496-1-RR (PPIL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.