



# PPIL1 Rabbit mAb

<b>Catalog No</b>	YP-rAb-17678
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB,FC
<b>Gene Name</b>	PPIL1;CYPL1;CGI-124;UNQ2425/PRO4984
<b>Protein Name</b>	Peptidyl-prolyl cis-trans isomerase-like 1;PPIase;Rotamase PPIL1;
<b>Purification Process</b>	Protein A
<b>Specificity</b>	Endogenous
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	WB 1:1000-5000; FC 1:100-300
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<b>Synonyms</b>	PPIL1 ; CYPL1 ; CGI-124 ; UNQ2425/PRO4984 ; Peptidyl-prolyl cis-trans isomerase-like 1 ; PPIase ; Rotamase PPIL1 ;
<b>Observed Band</b>	19kD
<b>Calculated Molecular Weight</b>	
<b>Cell Pathway</b>	Nucleus.
<b>Tissue Specificity</b>	Ubiquitous, with the most abundant expression in heart and skeletal muscle.
<b>Function</b>	Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28076346, PubMed:28502770, PubMed:33220177). PPIases accelerate the folding of proteins. Catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides (PubMed:16595688). Catalyzes prolyl peptide bond isomerization in CDC40/PRP17 (PubMed:33220177). Plays an important role in embryonic brain development; this function is independent of its isomerase activity (PubMed:33220177). {ECO:0000269 PubMed:11991638, ECO:0000269 PubMed:16595688, ECO:0000269 PubMed:28076346, ECO:0000269 PubMed:28502770, ECO:0000269 PubMed:33220177}.
<b>Background</b>	This gene is a member of the cyclophilin family of peptidylprolyl isomerases (PPIases). The cyclophilins are a highly conserved, ubiquitous family, members of

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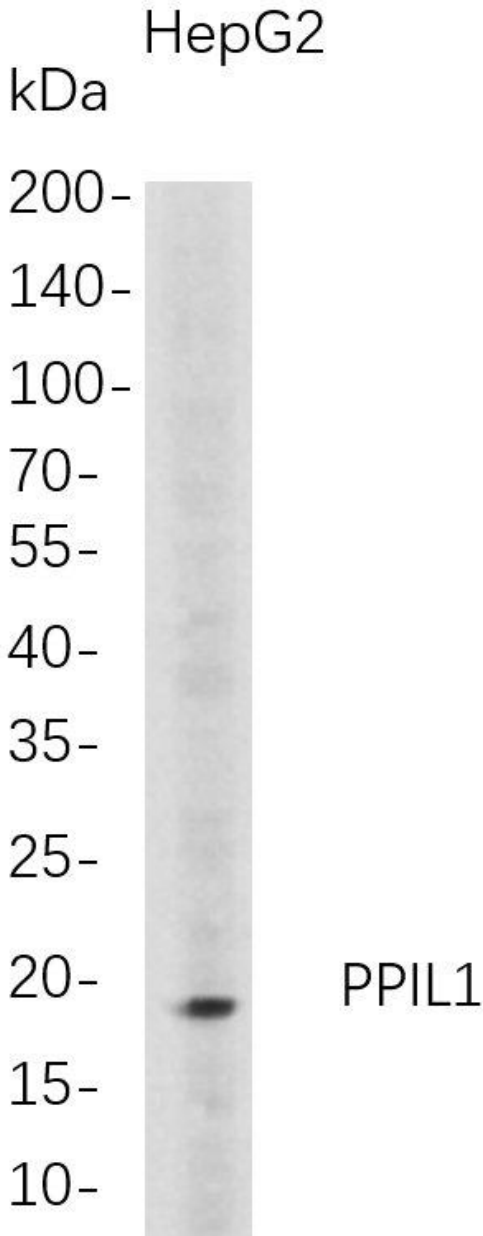
which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. Based on similarity to other PPIases, this protein could accelerate the folding of proteins and might catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. [provided by RefSeq, Jul 2008]

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Western Blot analysis of HepG2 whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PPIL1 rabbit mAb. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

