



PPIL1 Rabbit mAb

Catalog No	YP-rAb-17678
Isotype	IgG
Reactivity	Human
Applications	WB,FC
Gene Name	PPIL1;CYPL1;CGI-124;UNQ2425/PRO4984
Protein Name	Peptidyl-prolyl cis-trans isomerase-like 1;PPIase;Rotamase PPIL1;
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	WB 1:1000-5000; FC 1:100-300
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	PPIL1;Peptidyl-prolyl cis-trans isomerase-like 1;PPIase;Rotamase PPIL1;PPIL1 ; CYPL1 ; CGI-124 ; UNQ2425/PRO4984 ; Peptidyl-prolyl cis -trans isomerase-like 1 ; PPIase ; Rotamase PPIL1 ;CYPL1;CGI- 124;UNQ2425/PRO4984
Observed Band	19kD
Calculated Molecular Weight	
Cell Pathway	Nucleus.
Tissue Specificity	Ubiquitous, with the most abundant expression in heart and skeletal muscle.
Function	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}.
Background	This gene is a member of the cyclophilin family of peptidylprolyl isomerases (PPIases). The cyclophilins are a highly conserved, ubiquitous family, members of



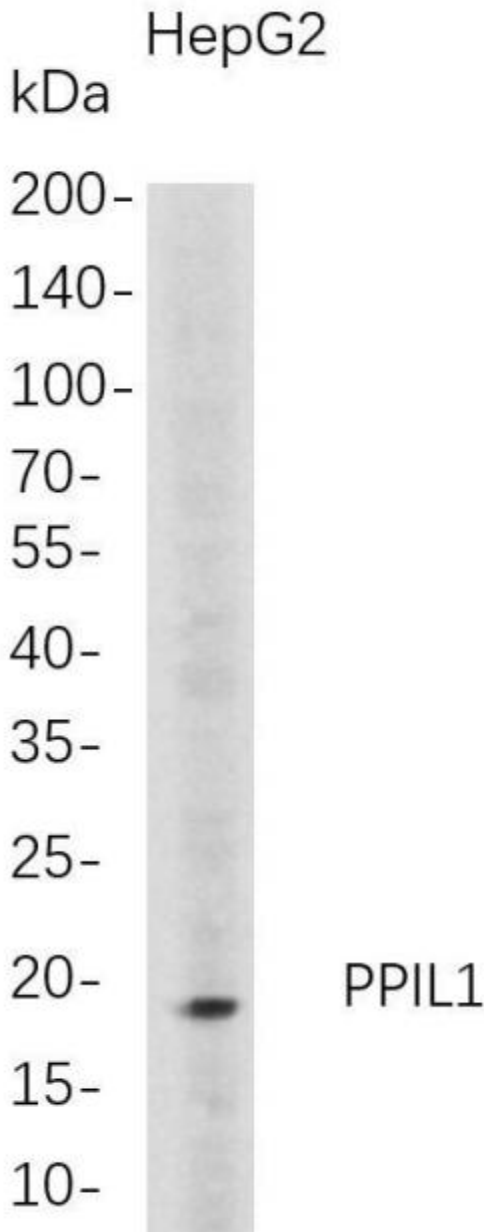
which play an important role in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. Based on similarity to other PPlases, this protein could accelerate the folding of proteins and might catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.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

