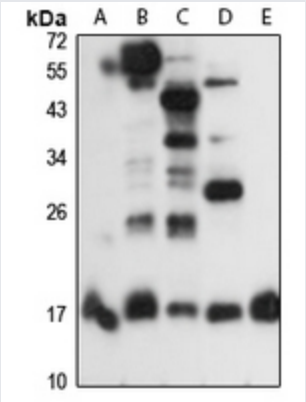
PPIL1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PPIL1, Polyclonal Antibody
Full Product Name	Anti-PPIL1 Antibody
Product Gene Name	anti-PPIL1 antibody
Product Synonym Names	CYPL1; Peptidyl-prolyl cis-trans isomerase-like 1; PPIase; Rotamase PPIL1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of PPIL1 protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	18,237 Da
OMIM	601301
3D Structure	ModBase 3D Structure for Q9Y3C6
Immunogen	Recombinant fusion protein of human PPIL1. The exact sequence is proprietary.
Applications Tested/Suitable for anti-PPIL1 antibody	Western Blot (WB)
Application Notes for anti-PPIL1 antibody	WB: 1:500-1:2000
Related Product Information for anti-PPIL1 antibody	MBS8307753 is an antibody targeting PPIL1. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to PPIL1
Other Notes	Small volumes of anti-PPIL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-PPIL1 antibody
Western blot analysis of PPIL1 expression in HeLa (A), mouse brain (B), mouse heart (C), rat lung (D), rat spleen (E) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PPIL1. It may not necessarily be applicable to this product.

NCBI GI #	7706339
NCBI GeneID	51645
NCBI Accession #	NP_057143.1
UniProt Primary Accession #	Q9Y3C6
UniProt Secondary Accession #	Q9D0W5
UniProt Related Accession #	Q9Y3C6
GenBank Nucleotide #	NM_016059.4
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase-like 1
NCBI Official Synonym Full Names	peptidylprolyl isomerase (cyclophilin)-like 1
NCBI Official Symbol	PPIL1
NCBI Official Synonym Symbols	CYPL1; hCyPX; PPIase; CGI-124
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase-like 1
UniProt Synonym Protein Names	Rotamase PPIL1
Protein Family	Peptidyl-prolyl cis-trans isomerase
UniProt Gene Name	PPIL1
UniProt Synonym Gene Names	CYPL1; PPIase
UniProt Entry Name	PPIL1_HUMAN
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase-like 1; cyclophilin-related gene 1; rotamase PPIL1
NCBI Summary for PPIL1	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 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]

UniProt Comments for PPIL1	PPIL1: PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be involved in pre-mRNA splicing. Belongs to the cyclophilin-type PPIase family. PPIL1 subfamily. Protein type: Cyclophilin; Isomerase; EC 5.2.1.8; Spliceosome Chromosomal Location of Human Ortholog: 6p21.1 Molecular Function: protein binding; peptidyl-prolyl cis-trans isomerase activity Biological Process: nuclear mRNA splicing, via spliceosome; protein peptidyl-prolyl isomerization; protein folding
Research Articles on PPIL1	**1.** molecular model for the binding mode of SKIP to PPIL1 which emphasizes the versatility of cyclophilin-type PPIases to engage in additional interactions with other proteins apart from active site contacts despite their limited surface area.
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