

Rabbit anti-Human PPIL1 Polyclonal Antibody | anti-PPIL1 antibody

Anti-PPIL1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255726	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PPIL1; Polyclonal Antibody; Anti-PPIL1 Antibody; Rabbit Polyclonal; PPIL1 Antibody; Rabbit PAb; Antigen Affinity Purified; peptidylprolyl isomerase (cyclophilin)-like 1; Anti-CGI-124 Antibody; Anti-CYPL1 Antibody; Anti-hCyPX Antibody; Anti-PPIase Antibody; anti-PPIL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PPIL1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PPIL1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human PPIL1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human PPIL1 (rh PPIL1). PPIL1 specific IgG was purified by Human PPIL1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-PPIL1 rabbit polyclonal antibody at 1:500 dilution Lane A: U87-MG Whole Cell Lysate Lane B: HeLa Whole Cell Lysate Lane C: K562 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 18 kDa Observed band size: 17 kDa



IP (Immunoprecipitation)

PPIL1 was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 2 uL anti-PPIL1 rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose. Primary antibody: Anti-PPIL1 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution Developed using the odssey technique. Performed under reducing conditions. Predicted band size: 18 kDa Observed band size: 18 kDa



IHC (Immunohistochemistry)

Immunochemical staining of human PPIL1 in human epididymis with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PPIL1 antibody	PPIL1 is a member of the cyclophilin family. Cyclophilins are well conserved and ubiquitous. Members of cyclophilin family take a significant part in protein folding, immunosuppression by cyclosporin A, and infection of HIV-1 virions. PPIL1 is a peptidylprolyl isomerase(PPIase). It increases the folding of proteins and catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PPIL1 is involved in proliferation of cancer cells through modulation of phosphorylation of stathmin. It is a novel molecular target for colon-cancer therapy.
References	Xu C. et al., 2005, J Biomol NMR. 31 (2): 179-80. Ozaki K. et al., 1997, Cytogenet Cell Genet. 72 (2-3): 242-5. Mann SS. et al., 1999, Cytogenet Cell Genet. 83 (3-4): 228-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706339
NCBI GeneID	51645
NCBI Accession #	NP_057143.1
NCBI GenBank Nucleotide #	NM_016059.4
UniProt Accession #	Q9Y3C6; O15001; Q5TDC9
Molecular Weight	18,237 Da
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
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase-like 1; cyclophilin-related gene 1; rotamase PPIL1
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase-like 1
UniProt Gene Name	PPIL1
UniProt Synonym Gene Names	CYPL1; PPIase
UniProt Entry Name	PPIL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppil1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255726>