

Rabbit anti-Human Cyclophilin B Polyclonal Antibody | anti-PPIB antibody

Anti-Cyclophilin B Antibody, Rabbit Polyclonal

CATALOG # AAA254518	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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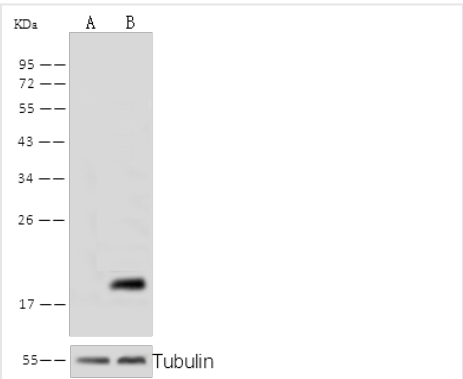
PRODUCT SYNONYMS

Cyclophilin B; Polyclonal Antibody; Anti-Cyclophilin B Antibody; Rabbit Polyclonal; Cyclophilin B/PPIB Antibody; Rabbit PAb; Antigen Affinity Purified; peptidylprolyl isomerase B (cyclophilin B); Anti-CYP-S1 Antibody; Anti-CYPB Antibody; Anti-HEL-S-39 Antibody; Anti-OI9 Antibody; Anti-SCYLP Antibody; anti-PPIB antibody

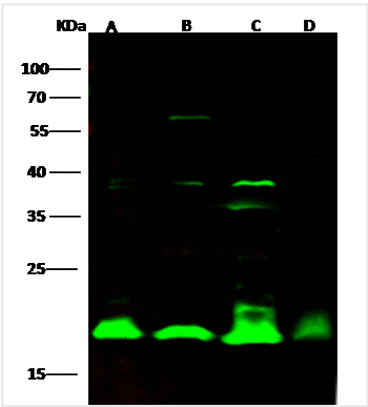
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Cyclophilin B/PPIB
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PPIB antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human Cyclophilin B/PPIB
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human Cyclophilin B/PPIB, and purified by antigen 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.

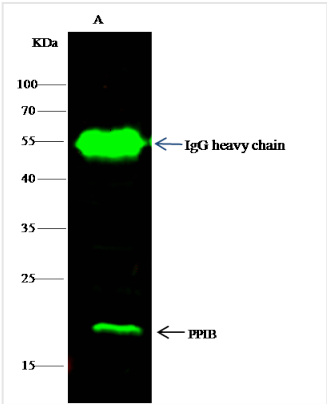
IMAGES



WB (Western Blot)
Anti-PPIB rabbit polyclonal antibody at 1:500 dilutionLane A: PPIB konckout Hela Whole Cell LysateLane B: Hela Whole Cell LysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:23 kDaObserved band size:19 kDa(We are unsure as to the identity of these extra bands.



WB (Western Blot)
Anti-PPIB rabbit polyclonal antibody at 1:500 dilutionLane A: Hela whole cell lysateLane B: A431 whole cell lysateLane C: HepG2 whole cell lysateLane D: 293 whole cell lysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:23 kDaObserved band size:19 kDa(We are unsure as to the identity of these extra bands.



IP (Immunoprecipitation)
PPIB was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell Lysate2 uL anti-PPIB rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G.Primary antibody:Anti-PPIB rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 19 kDaObserved band size: 19 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PPIB antibody	PPIB is identified as a candidate gene for OI-IX. Osteogenesis imperfecta (OI) is an inherited disorder of connective tissue typically caused by defects in either COL1A1 or COL1A2. A number of other genes causative of this disorder have been found, including PPIB, which forms one subunit of the prolyl 3-hydroxylase enzyme complex. Patients with OI caused by PPIB mutation should have appropriate early and regular management of their hearing.
Product Categories/Family for anti-PPIB antibody	Phosphatases and Regulators

NCBI AND UNIPROT INFORMATION

NCBI GI #	181250
NCBI GeneID	5479
UniProt Accession #	P23284; Q6IBH5; Q9BVK5; A8K534
Molecular Weight	23,743 Da

NCBI Official Full Name	cyclophilin, partial
NCBI Official Synonym Full Names	peptidylprolyl isomerase B (cyclophilin B)
NCBI Official Symbol	PPIB
NCBI Official Synonym Symbols	OI9; CYPB; SCYLP; CYP-S1
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase B; PPIase B; rotamase B; S-cyclophilin; cyclophilin-like protein
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase B
UniProt Gene Name	PPIB
UniProt Synonym Gene Names	CYPB; PPIase B; SCYLP
UniProt Entry Name	PPIB_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/cyclophilin-b-antibody-immunoprecipitation-western-blot-elisa/254518>