

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

Anti-Cyclophilin B Antibody, Rabbit Polyclonal

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                            |
|-----------|--------|------------|---------------------------------------------------------|
| AAA256661 | Rabbit | Human      | Immunoprecipitation, Immunohistochemistry, Western Blot |

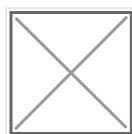
### PRODUCT SYNONYMS

Cyclophilin B; Polyclonal Antibody; Anti-Cyclophilin B Antibody; Rabbit Polyclonal; Cyclophilin B 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

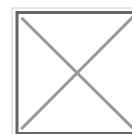
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|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                             |
| Reactivity                                     | Human                                                                                                                                                                                                                                              |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                         |
| Isotype                                        | Rabbit IgG                                                                                                                                                                                                                                         |
| Specificity                                    | Human Cyclophilin B                                                                                                                                                                                                                                |
| Purity/Purification                            | Protein A & Antigen Affinity                                                                                                                                                                                                                       |
| Form/Format                                    | Liquid; PBS, pH7.0 with 0.03% Proclin300                                                                                                                                                                                                           |
| Applicable Applications for anti-PPIB antibody | IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                            |
| Immunogen                                      | E Coli-derived Human Cyclophilin B fragment                                                                                                                                                                                                        |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                       |
| Preparation                                    | Produced in rabbits immunized with E Coli-derived Human Cyclophilin B fragment, 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. Avoid repeated freeze-thaw cycles. |

### IMAGES



#### IP (Immunoprecipitation)

PPIB was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate, 4 uL anti-PPIB rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-PPIB rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 24 kDa. Observed band size: 20 kDa.



#### IHC (Immunohistochemistry)

Immunochemical staining of human PPIB in human placenta with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



**WB (Western Blot)**

Anti-Cyclophilin B rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: 293T Whole Cell Lysate Lane C: K562 Whole Cell Lysate Lane D: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 24 kDa Observed band size: 20 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                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**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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