
Product Name: CyPB Rabbit Polyclonal Antibody**Catalog #: APRab09681**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	24kDa

Antigen Information

Gene Name	PPIB
Alternative Names	PPIB; CYPB; Peptidyl-prolyl cis-trans isomerase B; PPlase B; CYP-S1; Cyclophilin B; Rotamase B; S-cyclophilin; SCYLP
Gene ID	5479.0
SwissProt ID	P23284
Immunogen	The antiserum was produced against synthesized peptide derived from the C-terminal region of human PPIB. AA range:151-200

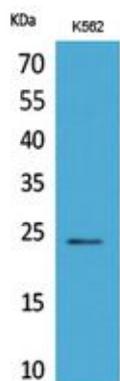
Background

The protein encoded by this gene is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A-mediated immunosuppression. Variants have been identified in this protein that give rise to recessive forms of osteogenesis imperfecta. [provided by RefSeq, Oct 2009],catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0),caution:It is uncertain whether Met-1 or Met-9 is the initiator,enzyme regulation:Cyclosporin A (CsA) inhibits CYPB,.,function:PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides,.,similarity:Belongs to the cyclophilin-type PPlase family. PPlase B subfamily,.,similarity:Contains 1 PPlase cyclophilin-type domain,.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV,.

Research Area

Immunology

Image Data



Western Blot analysis of K562 cells using CyPB Polyclonal Antibody.. Secondary antibody was diluted at 1:20000