

Rabbit Cyclophilin B Polyclonal Antibody | anti-CPHN2 antibody

Cyclophilin B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322976	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

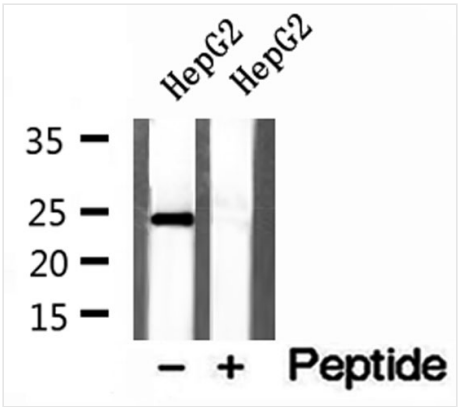
PRODUCT SYNONYMS

Cyclophilin B; Polyclonal Antibody; Cyclophilin B Antibody; AA408962; AA553318; A1844835; Cphn 2; Cyclophilin like protein; CyP 20b; CYP S1; CYP-S1; CYPB; EC 5.2.1.8; MGC14109; MGC2224; OI9; peptidyl prolyl cis trans isomerase B; Peptidyl prolyl cis trans isomerase B precursor; Peptidyl-prolyl cis-trans isomerase B; peptidylprolyl isomerase B (cyclophilin B); Peptidylprolyl isomerase B; PPIase; PPIase B; Ppiib; PPIB_HUMAN; Rotamase; Rotamase B; S cyclophilin; S-cyclophilin; SCYLP; anti-CPHN2 antibody

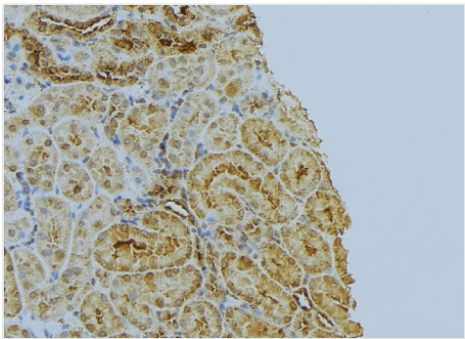
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cyclophilin B antibody detects endogenous levels of Cyclophilin B.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	216
Applicable Applications for anti-CPHN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cyclophilin B.
Subcellular Location	Endoplasmic Reticulum Lumen. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Chicken, Xenopus
Similarity	Pig (92%), Zebrafish (92%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (100%), Chicken (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of HepG2 cells, using Cyclophilin B antibody.



IHC (Immunohistochemistry)
AAA322976 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CPHN2 antibody	Function: PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Subunit Structure: Interacts with DYM. Interacts with CALR, CLGN and CANX. Similarity: Belongs to the cyclophilin-type PPIase family. PPIase B subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758950
NCBI GeneID	5479
NCBI Accession #	NP_000933.1
NCBI GenBank Nucleotide #	NM_000942.4
UniProt Accession #	P23284; Q6IBH5; Q9BVK5; A8K534
Molecular Weight	Observed: 24 kDa Predicted: 24 kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase B
NCBI Official Synonym Full Names	peptidylprolyl isomerase B
NCBI Official Symbol	PPIB
NCBI Official Synonym Symbols	B; OI9; CYPB; SCYLP; CYP-S1; HEL-S-39
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase B
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase B
UniProt Gene Name	PPIB
UniProt Synonym Gene Names	CYPB; PPIase B; SCYLP

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.