Cyclophilin D Recombinant Antibody | PPID recombinant antibody

Recombinant Anti-Cyclophilin D Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266275	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Cyclophilin D; Monoclonal Recombinant Antibody; Recombinant Anti-Cyclophilin D Rabbit mAb; CYP40; CYPD; Peptidyl-prolyl cis-trans isomerase D; PPIase D; 40 kDa peptidyl-prolyl cis-trans isomerase; Cyclophilin-40; CYP-40; Cyclophilin-related protein; Rotamase D; PPID recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Cyclophilin D protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for PPID recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human Cyclophilin D. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemical analysis of Cyclophilin D staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

WB (Western Blot)
Western blot analysis of Cyclophilin D expression in HEK293T (A), A549 (B), HepG2 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 41 kD

ADDITIONAL INFORMATION

Related Product Information for PPID recombinant antibody	Recombinant rabbit monoclonal antibody to Cyclophilin D
Product Categories/Family for PPID recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826932

NCBI GeneID	5481
NCBI Accession #	NP_005029.1
NCBI GenBank Nucleotide #	NM_005038.2
UniProt Accession #	Q08752; Q9CR16; Q6DGG0
Molecular Weight	40,764 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase D
NCBI Official Synonym Full Names	peptidylprolyl isomerase D
NCBI Official Symbol	PPID
NCBI Official Synonym Symbols	CYPD; CYP-40
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase D; 40 kDa peptidyl-prolyl cis-trans isomerase D; PPIase D; cyclophilin 40; cyclophilin D; cyclophilin-40; cyclophilin-related protein; rotamase D
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase D
UniProt Gene Name	**PPID**
UniProt Synonym Gene Names	CYP40; CYPD; PPIase D; CYP-40
UniProt Entry Name	PPID_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/monoclonal/cyclophilin-d-recombinant-antibody-immunohistochemistry-western-blot-elisa/266275