

Rabbit anti-Human, Mouse PPID Polyclonal Antibody | anti-PPID antibody

Rabbit anti-PPID Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213217	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

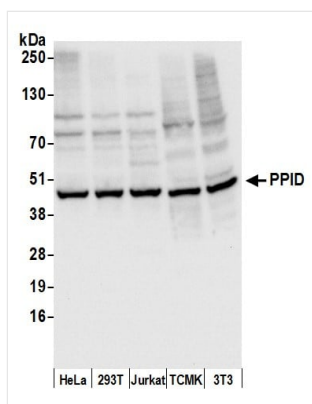
PRODUCT SYNONYMS

PPID; Polyclonal Antibody; Rabbit anti-PPID Antibody; Affinity Purified; CYP-40; cyclophilin-related protein; testicular tissue protein Li 147; rotamase D; PPlase D; peptidyl-prolyl cis-trans isomerase D; 40 kDa peptidyl-prolyl cis-trans isomerase; Cyclophilin-40; cyclophilin D; cyclophilin 40; 40 kDa peptidyl-prolyl cis-trans isomerase D; CYPD; Peptidyl-prolyl cis-trans isomerase D; peptidylprolyl isomerase D; anti-PPID antibody

PRODUCT SPECIFICATIONS

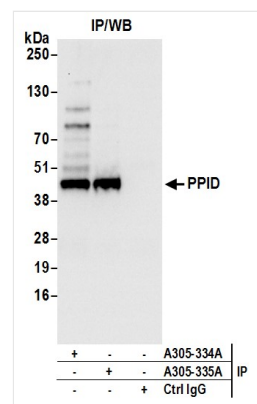
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PPID antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 175 and 225
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse PPID by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PPID antibody AAA213217 (lot AAA213217-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human PPID by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PPID antibody AAA213217 (lot AAA213217-1) used for IP at 6 ug per reaction. PPID was also immunoprecipitated by rabbit anti-PPID antibody For blotting immunoprecipitated PPID, AAA213217 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PPID antibody	PPID is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. Cyclophilin-40 has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A [taken from NCBI Entrez Gene (Gene ID: 5481)].
Product Categories/Family for anti-PPID antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826932
NCBI GeneID	5481
NCBI Accession #	NP_005029.1
NCBI GenBank Nucleotide #	NM_005038.2
UniProt Accession #	Q08752; B2R9V2
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/polyclonal/ppid-antibody-immunoprecipitation-western-blot-elisa/213217>