

Rabbit PPID Polyclonal Antibody | anti-PPID antibody

Anti-PPID antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA44952	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

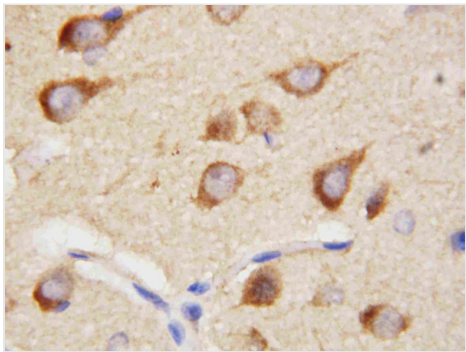
PRODUCT SYNONYMS

PPID; Polyclonal Antibody; Anti-PPID antibody; Peptidyl-prolyl cis-trans isomerase D(PPlase D); peptidylprolyl isomerase D; 40 kDa peptidyl-prolyl cis-trans isomerase antibody; 40 kDa peptidyl-prolyl cis-trans isomerase D antibody; Cyclophilin related protein antibody; Cyclophilin-40 antibody; Cyclophilin-related protein antibody; CyclophilinD antibody; CYP-40 antibody; CYP40 antibody; CYPD antibody; Estrogen receptor-binding cyclophilin antibody; Peptidyl-prolyl cis-trans isomerase D antibody; Peptidylprolyl isomerase D antibody; PPlase D antibody; PPID antibody; PPID_HUMAN antibody; Rotamase antibody; Rotamase D antibody; anti-PPID antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	370
Applicable Applications for anti-PPID antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human PPID (351-370aa KQKIKAQKDKEKAVYAKMFA), different from the related mouse and rat sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PPID antibody, AAA44952, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
Anti-PPID antibody, AAA44952, Western blottingLane 1: Rat Brain Tissue LysateLane 2: Rat Pancreas Tissue LysateLane 3: Rat Liver Tissue LysateLane 4: JURKAT Cell LysateLane 5: RAJI Cell LysateLane 6: CEM Cell LysateLane 7: HL-60 Cell LysateLane 8: HT1080 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PPID antibody	Description: Rabbit IgG polyclonal antibody for Peptidyl-prolyl cis-trans isomerase D(PPID) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Cyclophilin D, Peptidylprolyl isomerase D, also known as PPID, is an enzyme which in humans is encoded by the PPID gene. The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase(PPIase) family. The Cyclophilin D(PPID) gene contains 10 exons and spans 14.2 kb of genomic DNA. By fluorescence in situ hybridization, the PPID gene is mapped to chromosome 4q31.3. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant ciclosporin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	729274
NCBI GeneID	5481
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; PPIase D; rotamase D; cyclophilin D; cyclophilin 40; cyclophilin-40; cyclophilin-related protein; 40 kDa peptidyl-prolyl cis-trans isomerase 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.

