

Rabbit PPID Polyclonal Antibody | anti-PPID antibody

PPID Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285653	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Western Blot, Immunohistochemistry, ELISA, Flow Cytometry, Functional Assay

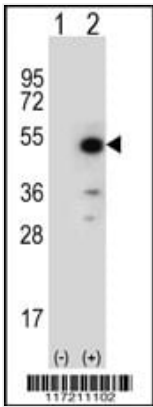
PRODUCT SYNONYMS

PPID; Polyclonal Antibody; PPID Antibody (N-term); Peptidyl-prolyl cis-trans isomerase D; PPlase D; 40 kDa peptidyl-prolyl cis-trans isomerase; Cyclophilin-40; CYP-40; Cyclophilin-related protein; Rotamase D; CYP40; CYPD; anti-PPID antibody

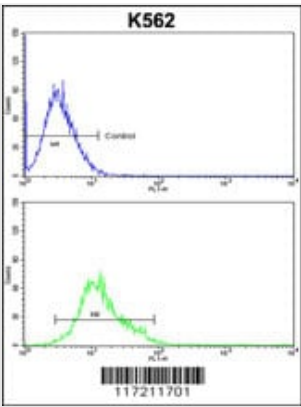
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPID antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 85-115 amino acids from the N-terminal region of human PPID.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	85-115
Sequence Length	370
Applicable Applications for anti-PPID antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

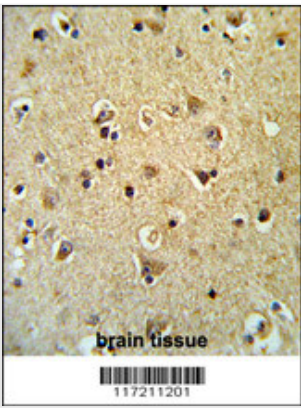
IMAGES



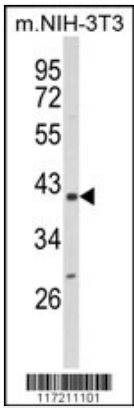
WB (Western Blot)
Western blot analysis of PPID (arrow) using rabbit polyclonal PPID Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PPID gene.



FCM/FACS (Flow Cytometry)
PPID Antibody (N-term) flow cytometric analysis of k562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with PPID Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PPID Antibody (N-term) in NIH-3T3 cell line lysates (35ug/lane). PPID (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPID antibody	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.
Product Categories/Family for anti-PPID antibody	Cardiovascular; Immunology
References	Mayya V.,et.al., Sci. Signal. 2:RA46-RA46(2009). Gevaert K., et.al., Nat. Biotechnol. 21:566-569(2003).

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	40764

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
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase D
UniProt Gene Name	PPID
UniProt Synonym Gene Names	CYP40; CYPD; PPlase 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-western-blot-immunohistochemistry-flow-cytometry-elisa/285653>