

Rabbit PPIC Polyclonal Antibody | anti-PPIC antibody

PPIC Antibody (Center)

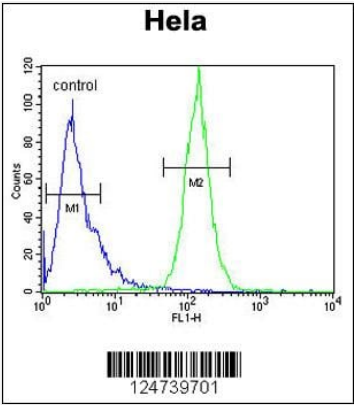
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285392	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

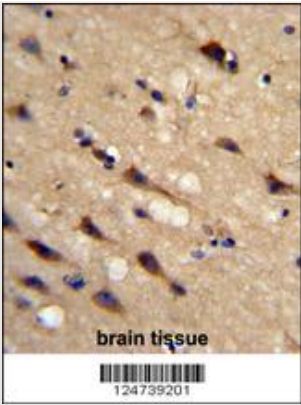
PPIC; Polyclonal Antibody; PPIC Antibody (Center); Peptidyl-prolyl cis-trans isomerase C; PPIase C; Cyclophilin C; Rotamase C; CYPC; anti-PPIC antibody

PRODUCT SPECIFICATIONS

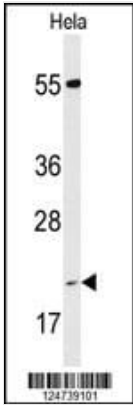
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PPIC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 61-89 amino acids from the Central region of human PPIC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	61-89
Sequence Length	212
Applicable Applications for anti-PPIC antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



FCM/FACS (Flow Cytometry)
PPIC Antibody (Center) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left 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 PPIC Antibody (Center), 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 PPIC Antibody (Center) in HeLa cell line lysates (35ug/lane). PPIC (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PPIC antibody	PPIC 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. Similar to other PPIases, this protein can bind immunosuppressant cyclosporin A.
Product Categories/Family for anti-PPIC antibody	Immunology; Signal Transduction
References	Vasan,R.S. JAMA 302 (2), 168-178 (2009) Lim,J. Cell 125 (4), 801-814 (2006) Trahey,M. Proc. Natl. Acad. Sci. U.S.A. 96 (6), 3006-3011 (1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505991
NCBI GeneID	5480
NCBI Accession #	NP_000934.1
NCBI GenBank Nucleotide #	NM_000943.4
UniProt Accession #	P45877; A4LBB5

Molecular Weight	22763
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase C
NCBI Official Synonym Full Names	peptidylprolyl isomerase C (cyclophilin C)
NCBI Official Symbol	PPIC
NCBI Official Synonym Symbols	CYPC
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase C
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase C
UniProt Gene Name	PPIC
UniProt Synonym Gene Names	CYPC; PPIase C
UniProt Entry Name	PPIC_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://www.aaabiotech.com/polyclonal/ppic-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285392>