

PPIC Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57848

Specification

PPIC Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	P45877
Reactivity	Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PPIC
Epitope Specificity	121-212/212
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
SIMILARITY	Belongs to the cyclophilin-type PPlase family. Contains 1 PPlase cyclophilin-type domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPlase) family. PPlases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. Similar to other PPlases, this protein can bind immunosuppressant cyclosporin A. [provided by RefSeq, Jul 2008]

PPIC Polyclonal Antibody - Additional Information

Gene ID 5480

Other Names

Peptidyl-prolyl cis-trans isomerase C, PPlase C, 5.2.1.8, Cyclophilin C, Rotamase C, PPIC (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=9256), CYPC

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PPIC Polyclonal Antibody - Protein Information

Name PPIC ([HGNC:9256](#))

Synonyms CYPC

Function

PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P30412}.

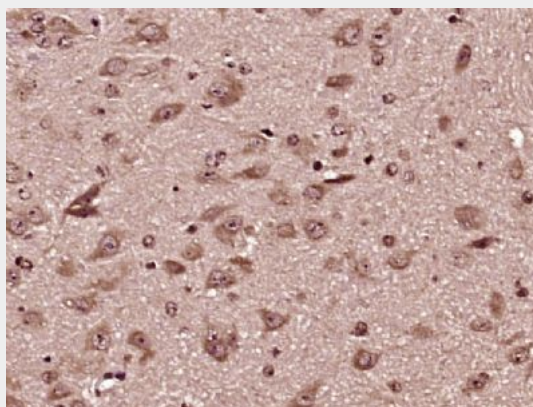
Tissue Location

Expressed in kidney, skeletal muscle, pancreas, heart, lung, liver and to a lower extent in brain

PPIC Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPIC Polyclonal Antibody - Images

Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PPIC) Polyclonal Antibody, Unconjugated (bs-21059R) at 1:400 overnight at 4°C, followed by

operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.