

# PPIC Rabbit pAb

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Catalog # AP57848

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF
<b>Primary Accession</b>	<a href="#">P45877</a>
<b>Reactivity</b>	Mouse
<b>Predicted</b>	Human, Dog, Pig, Horse, Sheep
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	22763
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human PPIC
<b>Epitope Specificity</b>	121-212/212
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SUBCELLULAR LOCATION</b>	Cytoplasm.
<b>SIMILARITY</b>	Belongs to the cyclophilin-type PPIase family. Contains 1 PPIase cyclophilin-type domain.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

## Additional Information

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<b>Gene ID</b>	5480
<b>Other Names</b>	Peptidyl-prolyl cis-trans isomerase C, PPIase C, 5.2.1.8, Cyclophilin C, Rotamase C, PPIC ( <a href="#">HGNC:9256</a> ), CYPC
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
<b>Storage</b>	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.

## Protein Information

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<b>Name</b>	PPIC ( <a href="#">HGNC:9256</a> )
<b>Synonyms</b>	CYPC
<b>Function</b>	PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding.
<b>Cellular Location</b>	Cytoplasm {ECO:0000250   UniProtKB:P30412}.
<b>Tissue Location</b>	Expressed in kidney, skeletal muscle, pancreas, heart, lung, liver and to a lower extent in brain

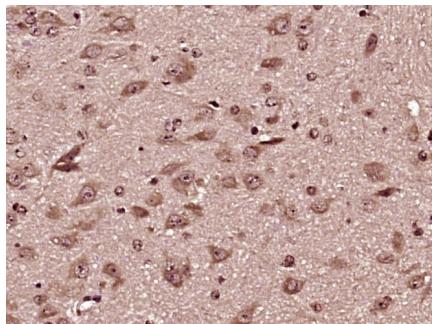
## Background

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## Images

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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 (AP57848) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.