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# PPIC Rabbit pAb

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Catalog # AP57848

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | P45877 |
| **Reactivity** | Mouse |
| **Predicted** | Pig, Dog, Human, Horse, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 22763 |
| **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. |
| **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 (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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| **Gene ID** | 5480 |
| **Other Names** | Peptidyl-prolyl cis-trans isomerase C, PPIase C, 5.2.1.8, Cyclophilin C, Rotamase C, PPIC (HGNC:9256), CYPC |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 |
| **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. |

## Protein Information

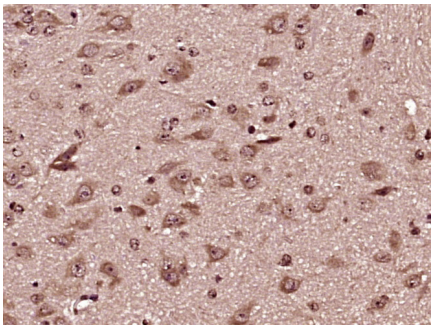
| | |
|---|---|
| **Name** | PPIC ( HGNC:9256) |

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| **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 |

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

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