

**PPIC Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9355c****Specification**

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**PPIC Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P45877](#)

**PPIC Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 5480

**Other Names**

Peptidyl-prolyl cis-trans isomerase C, PPIase C, Cyclophilin C, Rotamase C, PPIC, CYPC

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**PPIC Antibody (Center) Blocking Peptide - 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 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PPIC Antibody (Center) Blocking Peptide - Images****PPIC Antibody (Center) Blocking Peptide - Background**

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.

**PPIC Antibody (Center) Blocking Peptide - 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)