

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

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)