

**PPIG Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7353c****Specification**

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**PPIG Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q13427](#)**PPIG Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 9360**Other Names**

Peptidyl-prolyl cis-trans isomerase G, PPIase G, Peptidyl-prolyl isomerase G, CASP10, Clk-associating RS-cyclophilin, CARS-Cyp, CARS-cyclophilin, SR-cyclophilin, SR-cyp, SRcyp, Cyclophilin G, Rotamase G, PPIG

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7353c](/products/AP7353c) was selected from the Center region of human PPIG. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**PPIG Antibody (Center) Blocking Peptide - Protein Information****Name** PPIG**Function**

PPIase that catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and may therefore assist protein folding (PubMed: [20676357](http://www.uniprot.org/citations/20676357)). May be implicated in the folding, transport, and assembly of proteins. May play an important role in the regulation of pre-mRNA splicing.

**Cellular Location**

Nucleus matrix. Nucleus speckle. Note=Colocalizes with RNA splicing factors at nuclear speckles

**Tissue Location**

Ubiquitous..

### **PPIG Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **PPIG Antibody (Center) Blocking Peptide - Images**

### **PPIG Antibody (Center) Blocking Peptide - Background**

PPIases accelerate the folding of proteins. The Protein catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. It may be implicated in the folding, transport, and assembly of proteins and May play an important role in the regulation of pre-mRNA splicing.

### **PPIG Antibody (Center) Blocking Peptide - References**

Lin,C.L., Biochem. Biophys. Res. Commun. 321 (3), 638-647 (2004)Jin,J., Curr. Biol. 14 (16), 1436-1450 (2004)