

PPIG Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3037a**Specification**

PPIG Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q13427
Other Accession	NP_004783.2 , 9360 , 228005 (mouse) , 83624 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	88617

PPIG Antibody (internal region) - Additional Information**Gene ID** 9360**Other Names**

Peptidyl-prolyl cis-trans isomerase G, PPIase G, Peptidyl-prolyl isomerase G, 5.2.1.8, CASP10, Clk-associating RS-cyclophilin, CARS-Cyp, CARS-cyclophilin, SR-cyclophilin, SR-cyp, SRcyp, Cyclophilin G, Rotamase G, PPIG

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PPIG Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PPIG Antibody (internal region) - 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). 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 (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PPIG Antibody (internal region) - Images

AF3037a (2 µg/ml) staining of Human Kidney lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

PPIG Antibody (internal region) - References

A common variant in DRD3 receptor is associated with autism spectrum disorder. de Krom M, Staal WG, Ophoff RA, Hendriks J, Buitelaar J, Franke B, de Jonge MV, Bolton P, Collier D, Curran S, van Engeland H, van Ree JM. Biological psychiatry 2009 Apr 65 (7): 625-30. PMID: 19058789