

## Phospho-PPIG (Ser376) Rabbit Polyclonal Antibody

### Catalog #: EAB10927

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Rabbit IgG	Polyclonal	WB, IHC-P	89	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB(Western Blotting)	1:500-2000
IHC-P(Immunohistochemistry-Paraffin)	1:50-300

### Product Information

Conjugate	Unconjugate
Specificity	Phospho-PPIG (Ser376) Rabbit Polyclonal Antibody detects endogenous levels of PPIG protein only when phosphorylated at Ser376.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	<a href="#">Q13427</a>
Entrez-Gene Id	<a href="#">9360</a>

### Product Description

Cyclophilin G, also known as CARS-Cyp (Cik-associating RS-cyclophilin), SRcyp (SR-cyclophilin), CASP10, PPIase G, Rotamase G or PPIG, is a ubiquitously expressed member of the Moca family of cyclophilins. Localizing to the nucleus and, during interphase, nuclear speckles, Cyclophilin G contains an N-terminal cyclophilin-type domain, an acidic serine-rich region, five Cdc2-type phosphorylation sites and a series of serine-arginine repeats throughout the C-terminus. Cyclophilin G is phosphorylated during mitosis by the Cdc2-cyclin B complex, suggesting that its function is cell cycle-regulated. In addition, Cyclophilin G is capable of interacting with Pinin and the C-terminus of the largest subunit of RNA polymerase II (Pol II). Cyclophilin G may participate in pre-mRNA splicing by regulating the subnuclear localization of SR/SR-like protein family members.

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