PPIG (Phospho Ser376) Rabbit pAb

CatalogNo: YP1448

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse,Rat

Applications
- WB,IHC

MW
- 82kD (Observed)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year (Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000
IHC 1:50-300

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized phosho peptide around human PPIG (Ser376)
Specificity	This antibody detects endogenous levels of Human Mouse Rat PPIG (phospho-Ser376).The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):VSsGE

Target Information

Gene name PPIG

Protein Name PPIG (Ser376)

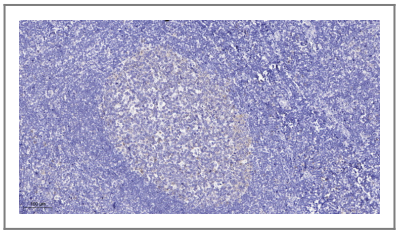
Organism	Gene ID	UniProt ID
Human	9360;	Q13427;
Mouse	228005;	A2AR02;
Rat	83624;	O55035;

Cellular Localization Nucleus matrix . Nucleus speckle . Colocalizes with RNA splicing factors at nuclear speckles. .

Tissue specificity Ubiquitous.

Function Catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0) . ,Domain:The RS domain is required for the interaction with the phosphorylated C-terminal domain of RNA polymerase II. ,enzyme regulation:Cyclosporin A (CsA) -sensitive. ,Function:PPIases accelerate the folding of proteins. ,Function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. ,Function:PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. May be implicated in the folding , transport , and assembly of proteins. May play an important role in the regulation of pre-mRNA splicing. ,PTM:Phosphorylated upon DNA damage , probably by ATM or ATR. ,similarity:Belongs to the cyclophilin-type PPIase family. ,similarity:Contains 1 PPIase cyclophilin-type domain. ,subcellular location:Colocalizes with RNA splicing factors at nuclear speckles. ,subunit:Interacts with CLK1 , PNN and with the phosphorylated C-terminal domain of RNA polymerase II. ,tissue specificity:Ubiquitous. ,

Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4℃ overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 45min).

Contact information

Orders: order.cn@immunoway.com
Support: support.cn@immunoway.com
Telephone: 400-8787-807(China)
Website: http://www.immunoway.com.cn
Address: 2200 Ringwood Ave San Jose, CA 95131 USA

Please scan the QR code to access additional product information:
PPIG (Phospho Ser376) Rabbit pAb