BT LAB
Bioassay Technology Laboratory

Optimize Your Research

PPIG Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP13258
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 290-370
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Peptidyl-prolyl cis-trans isomerase G
Synonyms	Peptidyl-prolyl cis-trans isomerase G ;PPIase G;Peptidyl-prolyl isomerase G;EC 5.2.1.8;CASP10;Clk-associating RS-cyclophilin;CARS-Cyp;CARS-cyclophilin;SR-cyclophilin;SR-cyp;SRcyp;C

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0).,The RS domain is required for the interaction with the phosphorylated C-terminal domain of RNA polymerase II.,enzyme regulation:Cyclosporin A (CsA)-sensitive.,PPIases accelerate the folding of proteins.,PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides.,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.,Belongs to the cyclophilin-type PPIase family.,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.,

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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