

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PRPS1



Numéro de catalogue: 15549-1-AP

11 Publications

Informations de base

Numéro de catalogue:

15549-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG7907

Numéro d'acquisition GenBank:

BC001605

Identification du gène (NCBI):

5631

Nom complet:

phosphoribosyl pyrophosphate synthetase 1

MW calculé

318 aa, 35 kDa

MW observés:

35 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules Jurkat, cellules HEK-293, cellules HeLa, tissu rénal de souris, tissu splénique de rat

IP : cellules HeLa,

IHC : tissu testiculaire de souris,

IF : cellules HepG2,

Informations générales

PRPS1, also named as Ribose-phosphate pyrophosphokinase 1, is a 318 amino acid protein, which belongs to the ribose-phosphate pyrophosphokinase family. PRPS1 can form Homodimer and the active form is probably a hexamer composed of 3 homodimers. PRPS1 catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis. PRPS1 as a module has an association with the Hepatocellular carcinoma.

Publications notables

Autrice	Pubmed ID	Journal	Application
Guohang Xiong	36203561	Front Immunol	WB,IHC
Ronghui Yang	36396642	Nat Commun	WB
Chia-Chun Chang	35833994	Cell Mol Life Sci	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

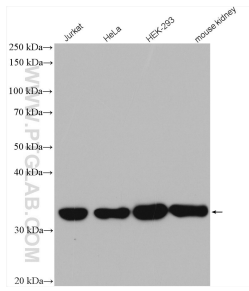
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

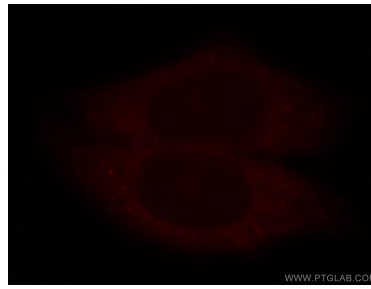
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

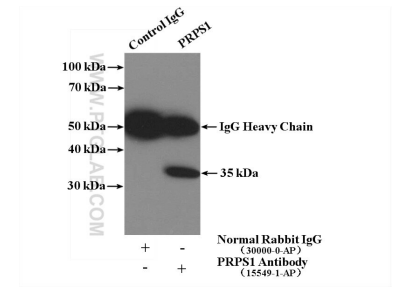
Données de validation sélectionnées



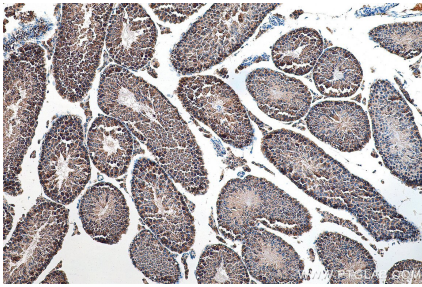
Various lysates were subjected to SDS PAGE followed by western blot with 15549-1-AP (PRPS1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



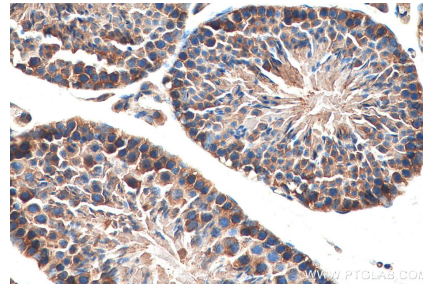
Immunofluorescent analysis of HepG2 cells, using PRPS1 antibody 15549-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-PRPS1 (IP:15549-1-AP, 4ug; Detection:15549-1-AP 1:100) with HeLa cells lysate 2600ug.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 15549-1-AP (PRPS1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 15549-1-AP (PRPS1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).