

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PRPS2



Numéro de catalogue: 27024-1-AP

Phare

5 Publications

Informations de base

Numéro de catalogue:

27024-1-AP

Taille:

150ul , Concentration: 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG25785

Numéro d'acquisition GenBank:

BC119662

Identification du gène (NCBI):

5634

Nom complet:

phosphoribosyl pyrophosphate synthetase 2

MW observés:

30 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

Applications

Applications testées:

WB, ELISA

Demandes citées:

CoIP, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules A375,

Informations générales

PRPS (phosphoribosyl pyrophosphate synthetase) proteins catalyze the synthesis of phosphoribosyl pyrophosphate (PRPP). Three human PRPS isoforms exist and are encoded by three different genes. PRPS1 and PRPS2 (also known as PRS1 and PRS2, respectively) are ubiquitously expressed, while PRPS3 (also known as PRPS1L1) is specific to the testis. PRPP is an important substrate synthesized from MgATP and ribose-5-phosphate in a reaction that requires inorganic phosphate and magnesium as a cofactor. PRPP is essential in the synthesis of nearly all nucleotides, implying that PRPS proteins play an important role in nucleotide biosynthesis and purine metabolism. PRPS2 is a 318 amino acid protein that exists as a homodimer and a hexamer composed of three homodimers.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ronghui Yang	36396642	Nat Commun	WB
Yajing Lv	33186350	PLoS Biol	WB, IHC
Shashank Srivastava	33571115	Sci Adv	CoIP, WB

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.

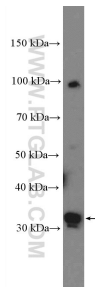
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E: proteintech@ptglab.com
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Données de validation sélectionnées



A375 cells were subjected to SDS PAGE followed by western blot with 27024-1-AP (PRPS2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.