

Nur für Forschungszwecke

PRPS2 Polyklonaler Antikörper

Katalog-Nr.: 27024-1-AP

Vorgestelltes Produkt

5 Publikationen



Allgemeine Informationen

Katalog-Nr.:

27024-1-AP

Größe:

150ul, Konzentration: 267 µg/ml
durch die Bradford-Methode mit BSA
als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG25785

GenBank-Zugangsnummer:

BC119662

GeneID (NCBI):

5634

Vollständiger Name:

phosphoribosyl pyrophosphate
synthetase 2

Beobachtete Masse:

30 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

Anwendungen

Geprüfte Anwendungen:

WB, ELISA

In Publikationen genannte Anwendungen:

CoIP, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human

Positivkontrollen:

WB: A375-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

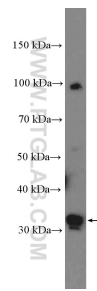
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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W: ptglab.com

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

Ausgewählte Validierungsdaten



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.