

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MPI



Numéro de catalogue: 14234-1-AP

Phare

1 Publications

Informations de base

Numéro de catalogue:

14234-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5475

Numéro d'acquisition GenBank:

BC046357

Identification du gène (NCBI):

4351

Nom complet:

mannose phosphate isomerase

MW calculé

47 kDa

MW observés:

40-47 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:10000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IF 1:200-1:800

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral de rat, tissu cérébral humain

IP : tissu cérébral de souris,

IF : cellules NIH/3T3,

Informations générales

MPI (mannose-6-phosphate isomerase) is also named as PMI1 and belongs to the mannose-6-phosphate isomerase type 1 family. It is a zinc metalloenzyme that catalyzes the reversible isomerization of mannose-6-phosphate and fructose-6-phosphate. MPI plays a critical role in maintaining the supply of D-mannose derivatives, which are required for most glycosylation reactions. This protein has 2 isoforms produced by alternative splicing.

Publications notables

Autrice	Pubmed ID	Journal	Application
Pablo Sierra Gonzalez	30464341	Nature	WB

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote 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.

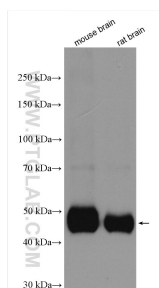
For technical support and original validation data for this product please contact:

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

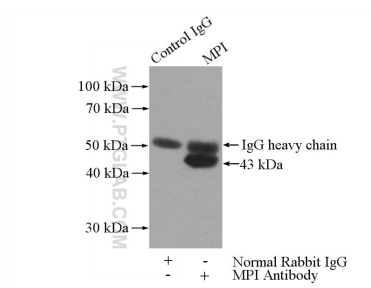
E: proteintech@ptglab.com
W: ptglab.com

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

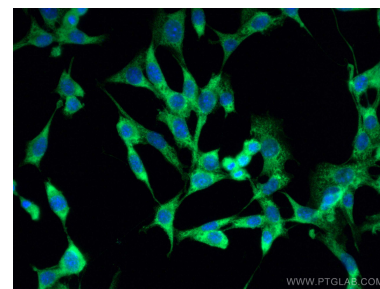
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 14234-1-AP (MPI antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP Result of anti-MPI (IP:14234-1-AP, 4ug; Detection:14234-1-AP 1:1000) with mouse brain tissue lysate 4000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using MPI antibody (14234-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).