

À des fins de recherche uniquement

Anticorps Monoclonal anti-NAPRT1

Numéro de catalogue: 66159-1-Ig

Phare

2 Publications



Informations de base

Numéro de catalogue: 66159-1-Ig	Numéro d'acquisition GenBank: BC032466	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2500 µg/ml by Nanodrop and 1467 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 93100	CloneNo.: 5D8H10
Hôte: Mouse	Nom complet: nicotinate phosphoribosyltransferase domain containing 1	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG2a	MW calculé: 514 aa, 55 kDa	
Immunogen Catalog Number: AG4265	MW observés: 51 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

WB

Spécificité de l'espèce:

Humain, 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 THP-1, cellules HEK-293, cellules HeLa, cellules HepG2, cellules Jurkat, cellules K-562, cellules LNCaP

IHC : tissu d'intestin grêle humain,

IF : cellules HeLa,

Informations générales

Nicotinic acid (NA) is a coenzyme in cellular redox reactions, and is an essential component of metabolic pathways in all living cells. NAPRT1 (Nicotinate phosphoribosyltransferase) is essential for increasing cellular NAD levels and, thus, to prevent oxidative stress of cells. NAPRT1 converts Nicotinic acid (NA; niacin) to NA mononucleotide (NaMN), which is then converted to NA adenine dinucleotide (NaAD), and finally to nicotinamide adenine dinucleotide (NAD).

Publications notables

Autrice	Pubmed ID	Journal	Application
Antonella Managò	31511522	Nat Commun	WB
Nathan R Fons	31439867	Nat Commun	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.

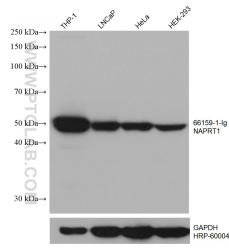
For technical support and original validation data for this product please contact:

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

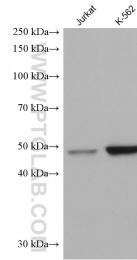
E: proteintech@ptglab.com
W: ptglab.com

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

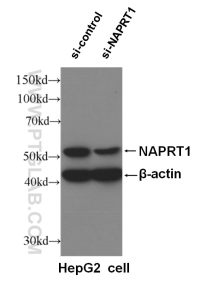
Données de validation sélectionnées



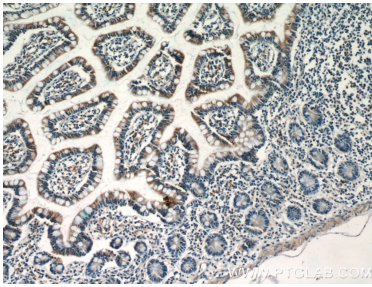
Various lysates were subjected to SDS PAGE followed by western blot with 66159-1-Ig (NAPRT1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



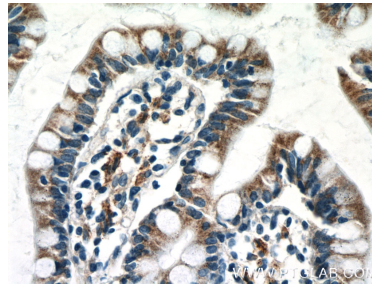
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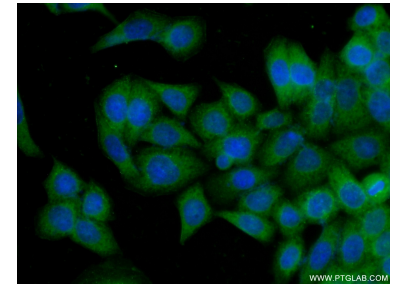
WB result of NAPRT1 antibody (66159-1-Ig, 1:6000) with si-Control and si-NAPRT1 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 66159-1-Ig (NAPRT1) Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 66159-1-Ig (NAPRT1) Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66159-1-Ig (NAPRT1) antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).