À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NMT1

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Numéro de catalogue:11546-1-AP Phare 7 Publications

Informations de base

Numéro de catalogue:
11546-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 300 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2072

Numéro d'acquisition GenBank:
BC006569

Identification du gène (NCBI):
4836

Nom complet:
N-myristoyltransferase 1

MW calculé
496 aa, 57 kDa

MW observés:
49-68 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:20-1:200
IF 1:20-1:200

Applications

Applications testées:
IF, IHC, IP, WB,ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

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

Contrôles positifs:

WB : cellules SKOV-3, cellules HeLa, cellules L02, cellules PC-3, tissu pancréatique de souris, tissu rénal humain

IP : cellules HeLa,

IHC : tissu de gliome humain, tissu cardiaque humain, tissu rénal humain

IF : cellules MCF-7,

Informations générales

NMT1 is a N-myristoyltransferase responsible for the transfer of myristate from CoA to an amino-terminal glycine of many eukaryotic proteins, which facilitates the targeting of proteins to membrane surfaces and is essential for viability of the organism. Insertional mutagenesis of the Nmt1 gene in Saccharomyces cerevisiae causes recessive lethality. Humans and mice possess two distinct but structurally similar enzymes, NMT1 and NMT2, ubiquitously expressed in most human and mouse tissues. Western analysis revealed that there are 4 isoforms of NMT1 with apparent molecular masses ranging from 49 to 68 kDa. In cell fractionation studies, the 68-kDa NMT1 isoform and NMT2 were present in both membrane and cytoplasmic fractions, while the smaller NMT1 isoforms were predominantly cytoplasmic.

Publications notables

Autrice	Pubmed ID	Journal	Application
Janja Božič	34534264	Brain	WB
Elzbieta Dudek	26603938	Biochem Biophys Res Commun	WB
Lu Deng	30446635	Cell Death Dis	WB,IHC

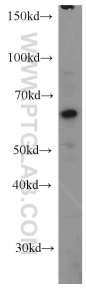
Stockage

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

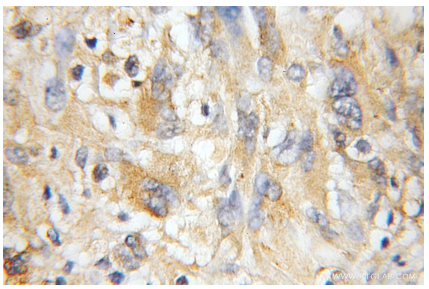
*** Les 20ul contiennent 0,1% de BSA.

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

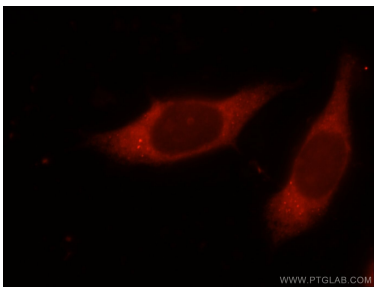
Données de validation sélectionnées



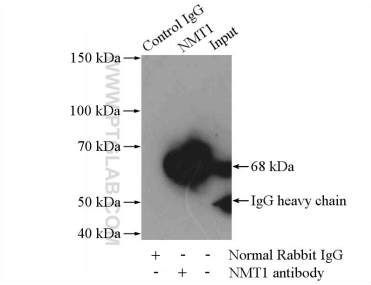
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 11546-1-AP (NMT1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas using 11546-1-AP (NMT1 antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of MCF-7 cells, using NMT1 antibody 11546-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-NMT1 (IP:11546-1-AP, 4ug; Detection:11546-1-AP 1:500) with HeLa cells lysate 2000ug.