

À des fins de recherche uniquement

Anticorps Monoclonal anti-CNPase

Numéro de catalogue: 66729-1-Ig

Phare

1 Publications



Informations de base

Numéro de catalogue: 66729-1-Ig	Numéro d'acquisition GenBank: BC028040	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1267	CloneNo.: 1B9G9
Hôte: Mouse	Nom complet: 2',3'-cyclic nucleotide 3' phosphodiesterase	Dilutions recommandées: WB 1:2000-1:10000 IF 1:50-1:500
Isotype: IgG1	MW calculé 421 aa, 48 kDa	
Immunogen Catalog Number: AG4227	MW observés: 45-48 kDa	

Applications

Applications testées:
FC, IF, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, porc, rat, souris

Espèces citées:
rat

Contrôles positifs:

WB : tissu de cervelet de porc, cellules HepG2, cellules U-251, tissu cérébral de rat, tissu cérébral humain, tissu de cervelet de rat

IF : tissu cérébral de souris,

Informations générales

CNP(2',3'-cyclic-nucleotide 3'-phosphodiesterase) belongs to the cyclic nucleotide phosphodiesterase family. It plays an essential role in axonal survival but not in myelin assembly, coupling oligodendroglial functions in axonal support and myelination. This protein has 2 isoforms produced by alternative splicing with molecular mass of 45 and 48 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Mingcui Zheng	34082015	J Ethnopharmacol	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.

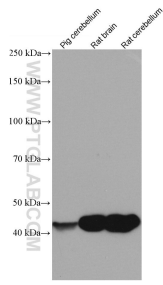
For technical support and original validation data for this product please contact:

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

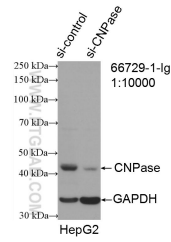
E: proteintech@ptglab.com
W: ptglab.com

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

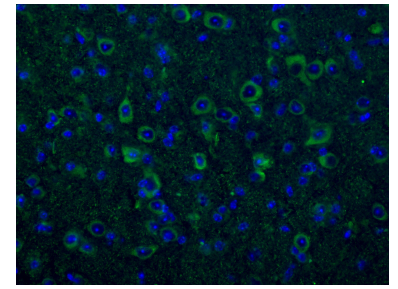
Données de validation sélectionnées



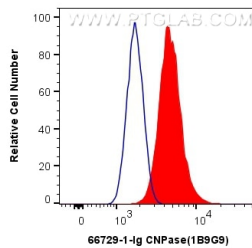
Various lysates were subjected to SDS PAGE followed by western blot with 66729-1-Ig (CNPase antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



WB result of CNPase antibody (66729-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNPase transfected HepG2 cells.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using 66729-1-Ig (CNPase antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HepG2 cells were intracellularly stained with 0.5 ug Anti-Human CNPase (66729-1-Ig, Clone:1B9G9) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).