

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-N-cadherin



Numéro de catalogue: 22018-1-AP

Phare

869 Publications

Informations de base

Numéro de catalogue:

22018-1-AP

Taille:

150ul, Concentration: 650 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG16792

Numéro d'acquisition GenBank:

BC036470

Identification du gène (NCBI):

1000

Nom complet:

cadherin 2, type 1, N-cadherin (neuronal)

MW calculé

906 aa, 100 kDa

MW observés:

130 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 ug for IP and 1:500-1:3000 for WB

IHC 1:1000-1:4000

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, FC, IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

bovin, canin, Humain, rat, souris, Hamster, Gecko

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 : tissu cérébral de souris, cellules C2C12, cellules C6, cellules HEK-293, cellules HeLa, cellules PC-3, tissu cardiaque de rat, tissu cérébral de rat

IP : tissu cérébral de souris,

IHC : tissu cardiaque de souris, tissu cérébral de souris

IF : tissu cardiaque de souris, cellules C2C12

Informations générales

Cadherins are a family of transmembrane glycoproteins that mediate calcium-dependent cell-cell adhesion and play an important role in the maintenance of normal tissue architecture. N-cadherin (neural cadherin), also known as CDH2 (cadherin 2), is a 130-kDa transmembrane glycoprotein and a classical member of the cadherin superfamily which also include E-, P-, R-, and B-cadherins. Expression of N-cadherin has been reported on various cell types including neurons, endothelial cells and cardiac myocytes (PMID: 11282032; 9508779; 8125202). N-cadherin has functions in early brain morphogenesis, synaptogenesis and synaptic plasticity (PMID: 23321619). The N-cadherin ectodomain can be cleaved, leading to the generation of a 90 kD N-terminal fragment (PMID: 16998833; 17028923).

Publications notables

Autrice	Pubmed ID	Journal	Application
Ji Xing	36230734	Cancers (Basel)	WB
Federico Armando	34638929	Int J Mol Sci	IHC
Jie Lian	33123271	J Cancer	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'aliquote n'est pas nécessaire pour le stockage à -20C

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

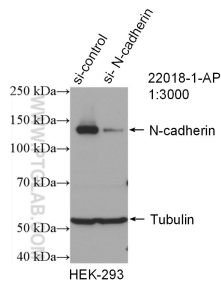
For technical support and original validation data for this product please contact:

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

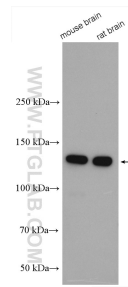
E: proteintech@ptglab.com
W: ptglab.com

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

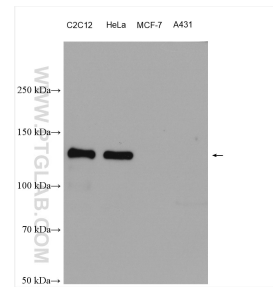
Données de validation sélectionnées



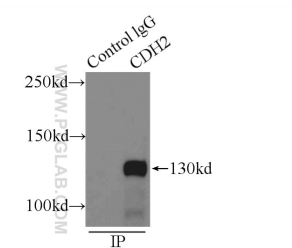
WB result of N-cadherin antibody (22018-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-N-cadherin transfected HEK-293 cells.



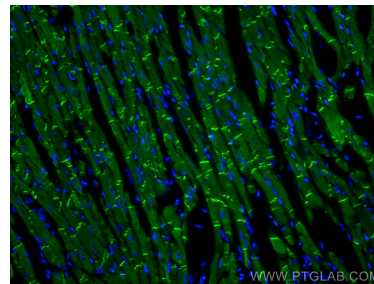
Various lysates were subjected to SDS PAGE followed by western blot with 22018-1-AP (N-cadherin antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



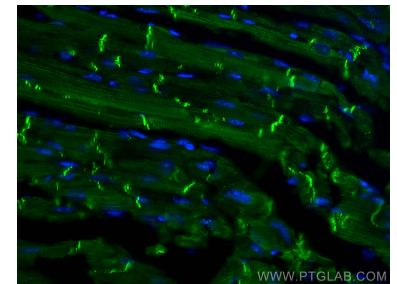
C2C12 (N-cadherin+), HeLa (N-cadherin+), MCF-7 (N-cadherin-), A431 (N-cadherin-) cell lysates were subjected to SDS PAGE followed by western blot with 22018-1-AP (N-cadherin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



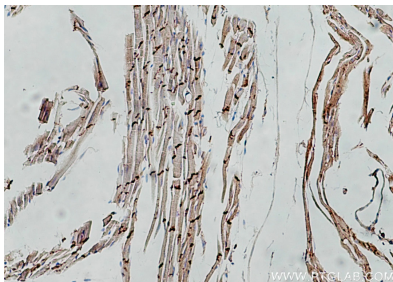
IP Result of anti-N-cadherin (IP:22018-1-AP, 3ug; Detection:22018-1-AP 1:1500) with mouse brain tissue lysate 7000ug.



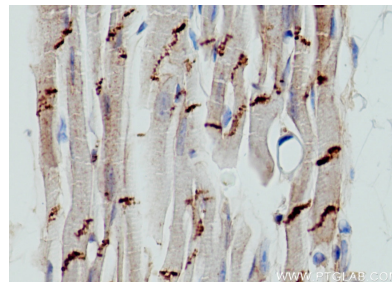
Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using N-cadherin antibody (22018-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



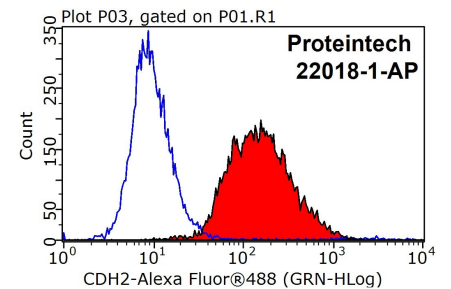
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Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 22018-1-AP (N-cadherin antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 22018-1-AP (N-cadherin antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 5H-SY5Y cells were stained with 0.2ug N-cadherin antibody (22018-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.