À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-p120 Catenin

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Numéro de catalogue:12180-1-AP Phare 9 Publications

Informations de base

Numéro de catalogue:
12180-1-AP

Taille:
150ul , Concentration: 233 μg/ml by Nanodrop and 233 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2824

Numéro d'acquisition GenBank:
BC010501

Identification du gène (NCBI):
1500

Nom complet:
catenin (cadherin-associated protein), delta 1

MW calculé
948 aa, 105 kDa

MW observés:
90-120 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:10-1:100

Applications

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

Demandes citées:
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 : tissu cérébral humain, cellules HEK-293, cellules HeLa, cellules NIH/3T3, cellules RAW264.7, tissu cérébral de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du sein humain, tissu de cancer du côlon humain

IF : cellules HepG2,

Informations générales

Catenins were discovered as proteins that are linked to the cytoplasmic domain of transmembrane cadherins (PMID: 9653641). p120 catenin, also called p120 ctn or catenin delta-1, regulates cell-cell adhesion through its interaction with the cytoplasmic tail of classical and type II cadherins. p120 catenin is a tyrosine kinase substrate implicated in cell transformation by SRC, as well as in ligand-induced receptor signaling through the EGF receptor, the PDGF receptor, and the CSF1 receptor. Different expression patterns of p120 catenin in lobular and ductal carcinomas of breast have been reported: membrane stain for ductal carcinoma and cytoplasmic stain for lobular carcinoma (PMID: 24966968). Different isoforms of p120 catenin are variably expressed in different tissues as a result of alternative splicing and the use of multiple translation initiation codons (PMID: 19150613).

Publications notables

Autrice	Pubmed ID	Journal	Application
Mengying Wei	33099085	EBioMedicine	WB
FengLin Wang	35339012	Biochem Biophys Res Commun	WB
Renkan Zhang	35330841	Front Pharmacol	WB

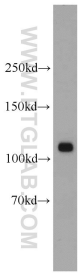
Stockage

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

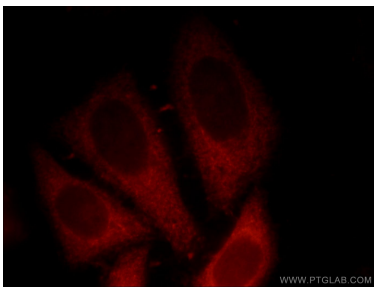
*** Les 20ul contiennent 0,1% de BSA.

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

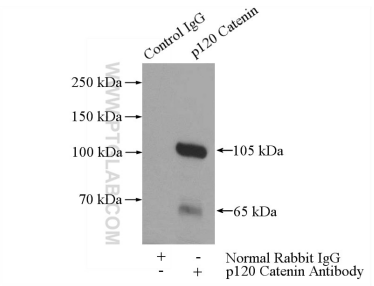
Données de validation sélectionnées



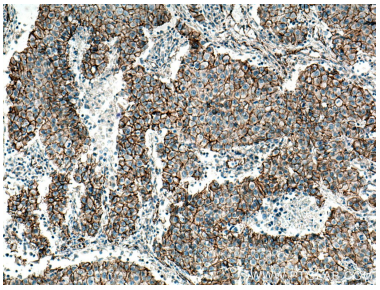
human brain tissue were subjected to SDS PAGE followed by western blot with 12180-1-AP (p120 Catenin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



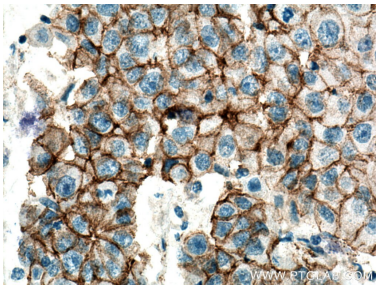
Immunofluorescent analysis of HepG2 cells, using CTNND1 antibody 12180-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-p120 Catenin (IP:12180-1-AP, 4ug; Detection:12180-1-AP 1:500) with mouse brain tissue lysate 2640ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12180-1-AP (p120 Catenin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 12180-1-AP (p120 Catenin antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).