

À des fins de recherche uniquement

Anticorps Monoclonal anti-p120 Catenin



Numéro de catalogue: 66208-1-Ig

Phare

4 Publications

Informations de base

Numéro de catalogue: 66208-1-Ig	Numéro d'acquisition GenBank: BC010501	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 800 µg/ml by Nanodrop and 373 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 1500	CloneNo.: 2F7H8
Hôte: Mouse	Nom complet: catenin (cadherin-associated protein), delta 1	Dilutions recommandées: IHC 1:250-1:1000 IF 1:50-1:500
Isotype: IgG2b	MW calculé: 948 aa, 105 kDa	
Immunogen Catalog Number: AG2824	MW observés: 90-120 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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: tissu cérébral humain fœtal, cellules A431, cellules A549, cellules HEK-293, cellules HeLa, cellules HSC-T6, cellules NIH/3T3, tissu cérébral de souris

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

IF: cellules MCF-7, cellules HeLa, tissu de cancer du sein humain

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

Auteur	Pubmed ID	Journal	Application
Dianlei Guo	33144400	Development	IF
Wei Tian	35851744	Mol Oncol	WB, IF, IP
Qing Lyu	30584103	Proc Natl Acad Sci U S A	IP

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.

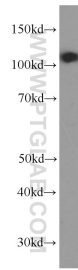
For technical support and original validation data for this product please contact:

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

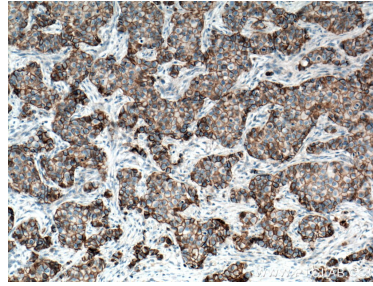
E: proteintech@ptglab.com
W: ptglab.com

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

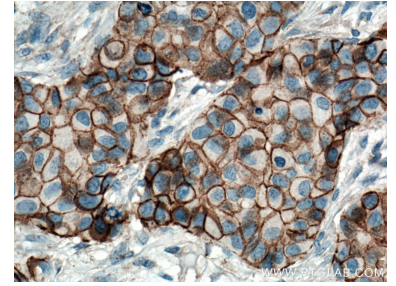
Données de validation sélectionnées



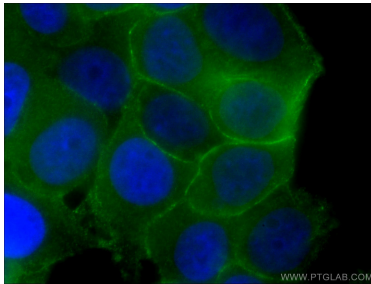
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66208-1-Ig (p120 Catenin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



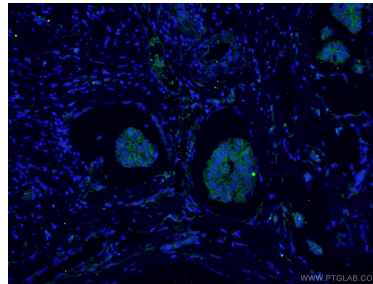
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66208-1-Ig (p120 Catenin antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66208-1-Ig (p120 Catenin antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using 66208-1-Ig (p120 Catenin antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human breast cancer tissue using 66208-1-Ig (p120 Catenin antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).