

Nur für Forschungszwecke

p120 Catenin Monoklonaler Antikörper



Katalog-Nr.: 66208-1-Ig

Vorgestelltes Produkt

3 Publikationen

Allgemeine Informationen

Katalog-Nr.: 66208-1-Ig	GenBank-Zugangsnummer: BC010501	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul, Konzentration: 800 µg/ml von 1500 Nanodrop und 373 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1500	CloneNo.: 2F7H8
Wirt: Maus	Vollständiger Name: catenin (cadherin-associated protein), delta 1	Empfohlene Verdünnungen: WB 1:500-1:2000 IHC 1:250-1:1000 IF 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 948 aa, 105 kDa	
Immunogen Katalognummer: AG2824	Beobachtete Masse: 90-120 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IP, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: fetales humanes Hirngewebe, A431-Zellen, A549-Zellen, HEK-293-Zellen, HeLa-Zellen, Maushirngewebe, NIH/3T3-Zellen

IHC: humanes Mammakarzinomgewebe, humanes Kolonkarzinomgewebe, Maus-Kolongewebe, Ratten-Kolongewebe

IF: MCF-7-Zellen, HeLa-Zellen, humanes Mammakarzinomgewebe

Hintergrundinformationen

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).

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% 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)

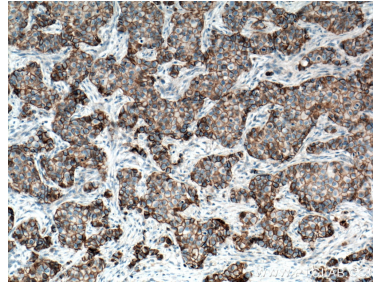
E: proteintech@ptglab.com
W: ptglab.com

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

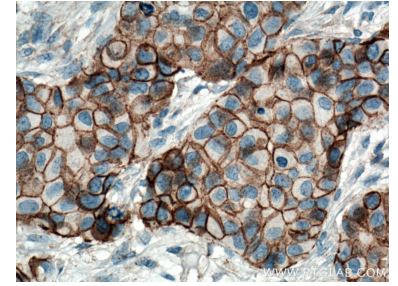
Ausgewählte Validierungsdaten



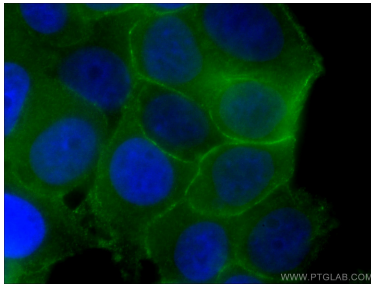
fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66208-1-Ig (p120 Catenin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



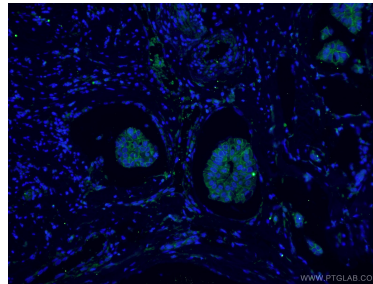
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66208-1-Ig (p120 Catenin antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).