

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-P-cadherin



Numéro de catalogue: 13773-1-AP

8 Publications

Informations de base

Numéro de catalogue:

13773-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG4758

Numéro d'acquisition GenBank:

BC041846

Identification du gène (NCBI):

1001

Nom complet:

cadherin 3, type 1, P-cadherin (placental)

MW calculé

829 aa, 91 kDa

MW observés:

120 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, 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 : cellules A431,

IP : cellules A431,

IHC : tissu de cancer du sein humain, tissu de cancer de l'estomac humain

IF : cellules A431,

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. P-cadherin (placental cadherin), also known as CDH3 (cadherin 3), is a classical member of the cadherin superfamily which also include E-, N-, R-, and B-cadherins. Aberrant expression of P-cadherin has been reported in many cancers, including breast, gastric, endometrial, ovarian, and prostate cancer.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|------------------|-----------|-------------------------|-------------|
| Hans I-Chen Harn | 33972536 | Nat Commun | IF |
| Anna Adamus | 33947373 | BMC Complement Med Ther | WB |
| Li Li | 31182916 | Int J Biol Sci | WB, IHC |

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.

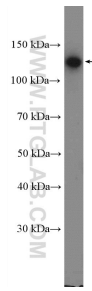
For technical support and original validation data for this product please contact:

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

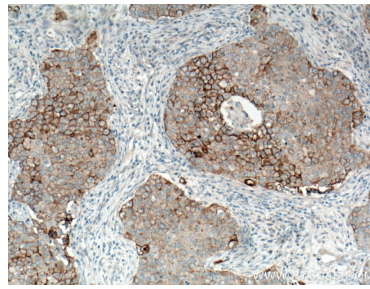
E: proteintech@ptglab.com
W: ptglab.com

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

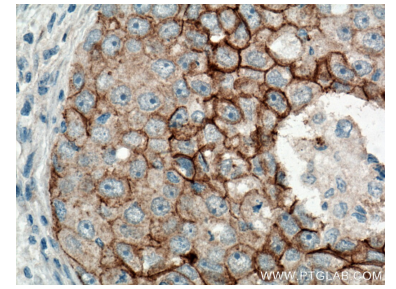
Données de validation sélectionnées



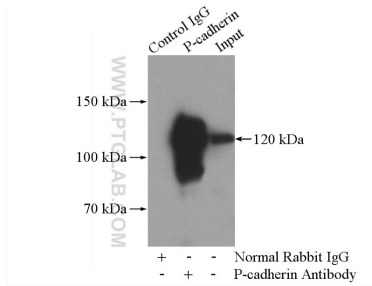
A431 cells were subjected to SDS PAGE followed by western blot with 13773-1-AP (P-cadherin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.



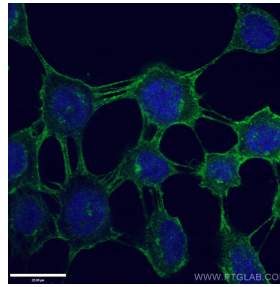
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13773-1-AP (P-cadherin antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



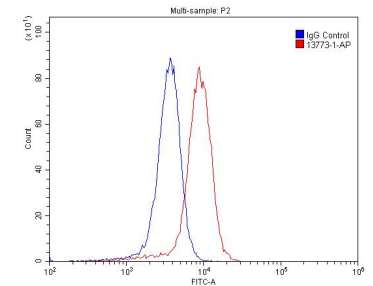
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 13773-1-AP (P-cadherin antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-P-cadherin (IP:13773-1-AP, 4 μ g; Detection:13773-1-AP 1:300) with A431 cells lysate 3040 μ g.



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using 13773-1-AP (P-cadherin antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10⁶ A431 cells were stained with .2 μ g P-cadherin antibody (13773-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.