

P-cadherin Polyclonal Antibody

Catalog number: 13773-1-AP

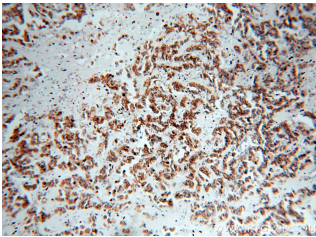
Size: 45 µg/150 µl

Source: Rabbit

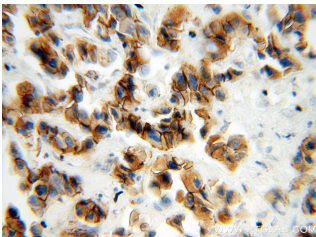
Isotype: IgG

Synonyms:

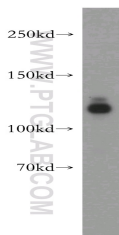
CDH3; Cadherin 3, CDH3, CDHP, HJMD, PCAD, P-cadherin



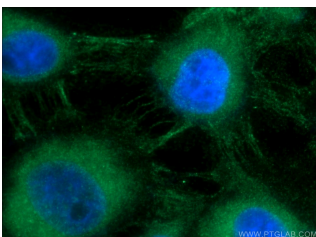
Immunohistochemical of paraffin-embedded human breast cancer using 13773-1-AP (CDH3 antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human breast cancer using 13773-1-AP (CDH3 antibody) at dilution of 1:100 (under 40x lens)



A431 cells were subjected to SDS PAGE followed by western blot with 13773-1-AP (CDH3 antibody) at dilution of 1:400



Immunofluorescent analysis of A431 cells using 13773-1-AP (CDH3 Antibody) at

Background

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.

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated P-cadherin MW:	829aa, 91 kDa
Observed P-cadherin MW:	120 kDa
Positive WB detected in	A431 cells, K-562 cells
Positive IP detected in	A431 cells
Positive IHC detected in	Human breast cancer tissue
Positive IF detected in	A431 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:20-1:200

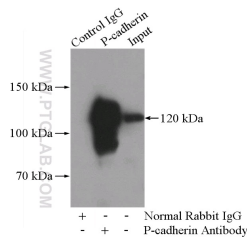
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4758
GenBank accession number:	BC041846
Gene ID (NCBI):	1001
Full name:	Cadherin 3, type 1, P-cadherin (placental)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-CDH3 (IP:13773-1-AP, 4µg; Detection:13773-1-AP 1:300)

dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with A431 cells lysate 3040ug.