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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pan Cadherin Polyclonal Antibody

Catalog Number:E-AB-92116

Note: Centrifuge before opening to ensure complete recovery of vial contents.

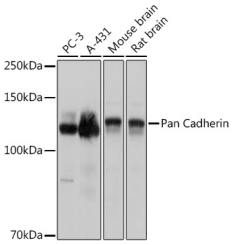
Description

Reactivity	Human,Mouse,Rat
Immunogen	A synthetic peptide of human pan-cadherin
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.01% thiomersal,50% glycerol,pH7.3.

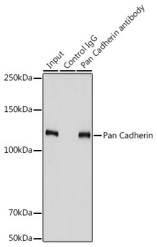
Applications — Recommended Dilution

WB	1:500-1:2000
IP	1:50-1:200

Data



Western blot analysis of extracts of various cell lines using Pan Cadherin Polyclonal Antibody at 1:3000 dilution.
Observed Mw:135kDa



Immunoprecipitation analysis of 900ug extracts of PC-3 cells using 3ug Pan Cadherin Polyclonal Antibody.Western blot was performed from the immunoprecipitate using Pan Cadherin Polyclonal Antibody at a dilution of 1:3000.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze/thaw cycles.

Background

Cadherin is one of a class of integral-membrane glycoproteins that are involved in cell to cell attachment for preserving the integrity of all solid tissues. Cadherins have three major regions: the Ca2+ -dependent extracellular region that mediates adhesion (cadherin to cadherin) for cell to cell binding; the transmembrane region; and the cytoplasmic region that extends into the cell and interacts with catenins, which in turn are linked to the actin of the cytoskeleton. Cadherins are differentially expressed during development and in adult organs. Since many cell types express multiple cadherin subclasses simultaneously (the combination differs with cell type), it can be inferred that the adhesion properities of individual cells are thus governed by varying the combinations of cadherins. Altered expression of cadherins are involved in invasion and metastasis of tumour cells. The classical cadherins (e.g. E-, N-, and P-cadherins) are the most common family members. E-cadherin (also known as uvomorulin) is concentrated in the belt desmosome in epithelial cells; N-cadherin is found in nerve, muscle, and lens cells and helps maintain the integrity of neuronal aggregates; P-cadherin is expressed in placental and epidermal cells.

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