

Catenin- δ 1 (phospho-Y228) polyclonal antibody

Catalog: BCP00350

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Catenin δ -1 (p120 catenin) has an amino-terminal coiled-coil domain followed by a regulatory domain containing multiple phosphorylation sites and a central Armadillo repeat domain of ten linked 42-amino acid repeats. The carboxy-terminal tail has no known function. Catenin δ -1 fulfills critical roles in the regulation of cell-cell adhesion as it regulates E-cadherin turnover at the cell surface to determine the level of E-cadherin available for cell-cell adhesion. Catenin δ -1 has both positive and negative effects on cadherin-mediated adhesion. Actin dynamics are also regulated by catenin δ -1, which modulates RhoA, Rac, and cdc42 proteins. Analogous to β -catenin, catenin δ -1 translocates to the nucleus, although its role at this location is unclear. Many studies show that catenin δ -1 is expressed irregularly or is absent in various types of tumor cells, suggesting that catenin δ -1 may function as a tumor suppressor.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 95, 100 kDa

Swiss-Prot:

O60716

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

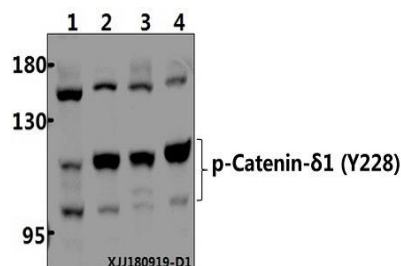
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Catenin- δ 1 (phospho-Y228) polyclonal antibody detects endogenous levels of Catenin- δ 1 protein only when phosphorylated at Tyr228.

DATA:



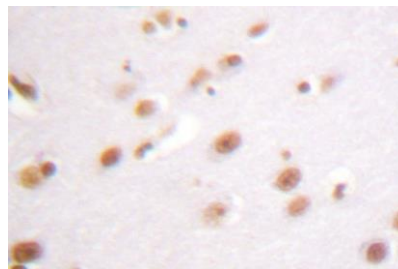
Western blot (WB) analysis of Catenin- δ 1 (phospho-Y228) polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40 μ g)

Lane2:K562 whole cell lysate(40 μ g)

Lane3:RAW264.7 whole cell lysate(40 μ g)

Lane4:C6 whole cell lysate(40 μ g)



Note:

For research use only, not for use in diagnostic procedure.