

Cadherin-7 (R678) polyclonal antibody

Catalog: BCP00312

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The cadherins are a family of Ca^{2+} -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of structure and morphogenesis. Cadherins each contain a large extracellular domain at the N-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. Cadherin-7 is a member of the atypical type II cadherin family that lacks the HAV cell recognition sequence found in type I cadherins. Although the absence of an HAV sequence decreases cell adhesion specificity, cadherin-7 contributes to cell organization by mediating homophilic cell adhesion in the brain, testis and prostate.

Product:

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

Molecular Weight:

~ 87 kDa

Swiss-Prot:

Q9ULB5

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

IHC: 1:50~1:200

Storage&Stability:

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

term. Avoid freeze-thaw cycles.

Specificity:

Cadherin-7 (R678) polyclonal antibody detects endogenous levels of Cadherin-7 protein.

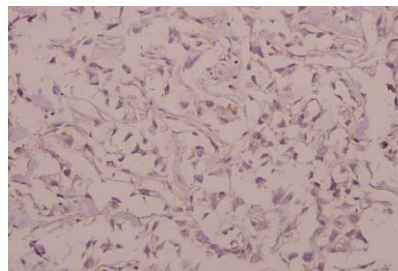
DATA:



Western blot (WB) analysis of Cadherin-7 (R678) pAb at 1:500 dilution

Lane1: The Brain tissue lysate of Mouse(40ug)

Lane2: The Brain tissue lysate of Rat(40ug)



Immunohistochemistry (IHC) analyzes of Cadherin-7 (R678) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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