

Cadherin-18 (Q129) polyclonal antibody

Catalog: BS2222

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a type II classical cadherin from the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed specifically in the central nervous system and is putatively involved in synaptic adhesion, axon outgrowth and guidance. Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 88 kDa

Swiss-Prot:

Q13634

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:

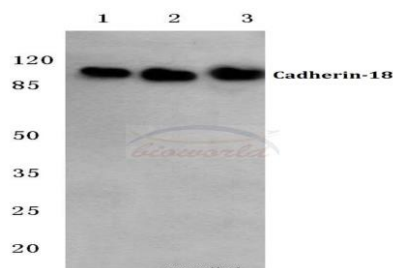
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Cadherin-18 (Q129) polyclonal antibody detects endogenous levels of Cadherin-18 protein.

DATA:

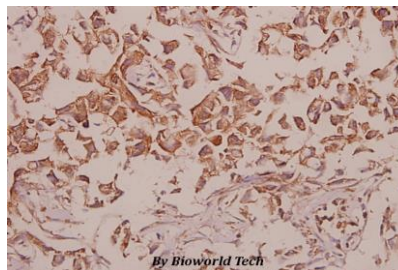


Western blot (WB) analysis of Cadherin-18 (Q129) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat liver tissue lysate



Immunohistochemistry (IHC) analyzes of Cadherin-18 (Q129) pAb in paraffin-embedded human colorectal carcinoma tissue at 1:50.

Note:

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

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