

Cadherin-8 (A519) polyclonal antibody

Catalog: BS2578

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The cadherins are a family of Ca^{++} -dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. Cadherins each contain a large extracellular domain at the amino terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. The relatively short carboxy terminal, intracellular domain interacts with a variety of cytoplasmic proteins, including β -catenin, to regulate cadherin function. Cadherin-8 expression has been seen in mouse thymus tissue as well as in specific subdivisions of the developing central nervous system. It plays a potential role in brain morphology.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 88 kDa

Swiss-Prot:

P55286

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

IF: 1:50~1:200

Storage&Stability:

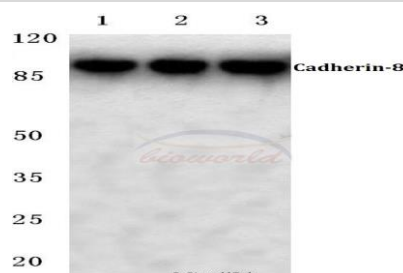
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Cadherin-8 (A519) polyclonal antibody detects endogenous levels of Cadherin-8 protein.

DATA:

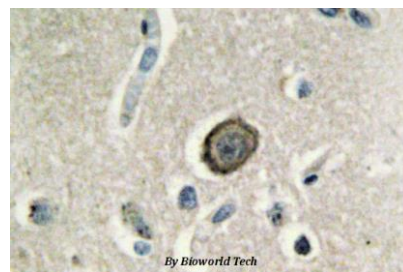


Western blot (WB) analysis of Cadherin-8 (A519) polyclonal antibody at 1:500 dilution

Lane1:Hela cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat liver tissue lysate



Immunohistochemistry (IHC) analyzes of Cadherin-8 (A519) pAb in paraffin-embedded human brain tissue.

Note:

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

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