

## CDH22 polyclonal antibody

Catalog: BS61569

Host: Rabbit

Reactivity: Human

### BackGround:

The cadherins are a family of Ca<sup>2+</sup>-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-22, also known as CDH22 or PB-cadherin (pituitary and brain cadherin), is an 828 amino acid single-pass type I membrane protein that, characteristic of cadherin proteins, contains five cadherin domains. Expressed predominately in brain, cadherin-22 functions as a Ca<sup>2+</sup>-dependent cell adhesion protein that is thought to play an important role in tissue formation and morphogenesis, specifically in neural cells during the development and maintenance of brain tissue.

### Product:

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

### Molecular Weight:

~ 89 kDa

### Swiss-Prot:

Q9UJ99

### 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

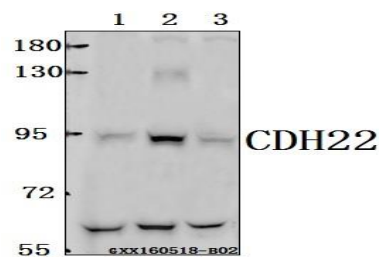
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CDH22 polyclonal antibody detects endogenous levels of CDH22 protein.

### DATA:



Western blot (WB) analysis of CDH22 polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate(40ug)

Lane2:L02 whole cell lysate(40ug)

Lane3:PC3 whole cell lysate(40ug)

### Note:

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

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