

## Cadherin-16 (M810) polyclonal antibody

Catalog: BS2221

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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-16, also known as Ksp-Cadherin, is a type I membrane protein which is kidney-specific. Cadherin-16 is expressed exclusively in the basolateral membrane of renal tubular epithelial cells. The human Ksp-cadherin gene (Cadherin-16) maps to chromosome 16q21-proximal 16q22. The mouse Ksp-cadherin gene was localized to a highly syntenic region of distal Chromosome 8

### Product:

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

### Molecular Weight:

~ 90 kDa

### Swiss-Prot:

O75309

### 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:

IHC: 1:50~1:200

IF: 1:50~1:200

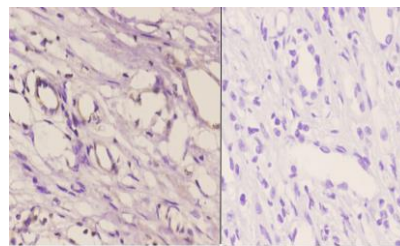
### Storage&Stability:

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

### Specificity:

Cadherin-16 (M810) polyclonal antibody detects endogenous levels of Cadherin-16 protein.

### DATA:



Immunohistochemistry (IHC) analyzes of Cadherin-16 (M810) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50, showing cell membrane staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

### Note:

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

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