

Cadherin-20 Polyclonal Antibody

Catalog No: YT0597

Reactivity: Human; Mouse; Rat

Applications: IHC;IF;ELISA

Target: Cadherin-20

Gene Name: CDH20

Protein Name: Cadherin-20

Human Gene Id: 28316

Human Swiss Prot

No:

Mouse Gene ld: 23836

Mouse Swiss Prot

No:

Rat Gene Id: 363948

Rat Swiss Prot No: Q5DWV1

Immunogen: The antiserum was produced against synthesized peptide derived from human

CDH20. AA range:111-160

Specificity: Cadherin-20 Polyclonal Antibody detects endogenous levels of Cadherin-20

protein.

Q9HBT6

Q9Z0M3

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other

applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

1/3



chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 89kD

Cell Pathway: Adherens_Junction

Background: This gene is a type II classical cadherin from the cadherin superfamily and one

of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion

glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Since disturbance of intracellular adhesion is a prerequisite for invasion and metastasis of tumor cells, cadherins are considered prime

candidates for tumor suppressor genes. [provided by RefSeq, Jul 2008],

Function: function:Cadherins are calcium dependent cell adhesion

proteins., function: 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., similarity: Contains 5 cadherin domains., tissue specificity: Expressed in

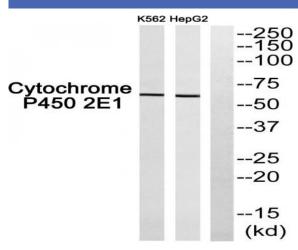
placenta, adult brain, and fetal brain.,

Subcellular Location:

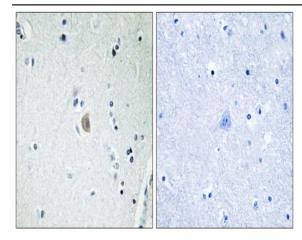
Cell membrane; Single-pass type I membrane protein.

Expression: Expressed in placenta, adult brain, and fetal brain.

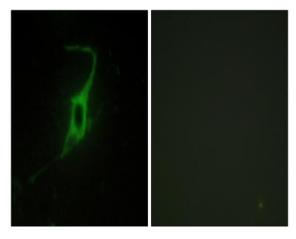
Products Images



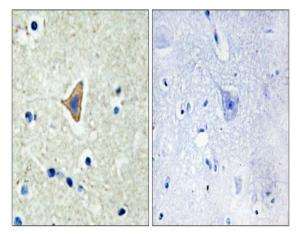
Western blot analysis of CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.



Immunohistochemistryt analysis of paraffin-embedded human brain, using CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.



Immunofluorescence analysis of NIH/3T3 cells, using CDH20 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CDH20 Antibody. The picture on the right is blocked with the synthesized peptide.