

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 :	Q9HBT6
Mouse Gene Id :	23836
Mouse Swiss Prot No :	Q9Z0M3
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.
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-

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

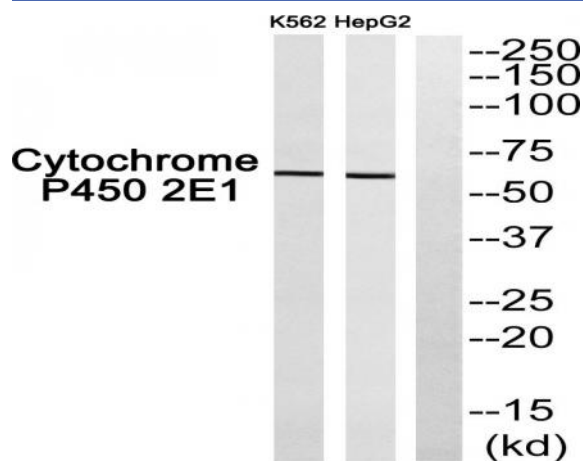
Background : This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane 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.,

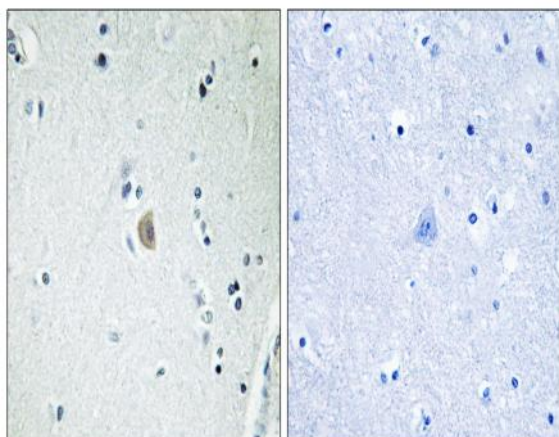
Subcellular Location : Cell membrane; Single-pass type I membrane protein.

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

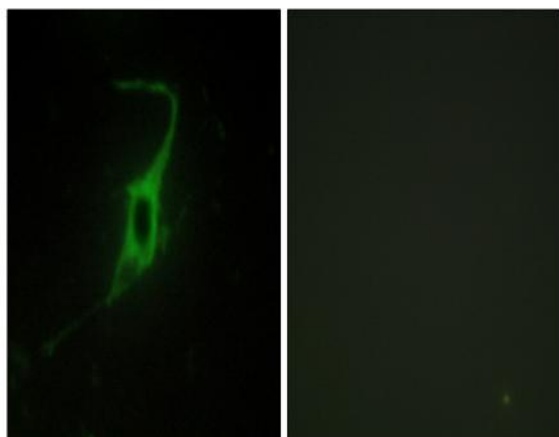
Products Images



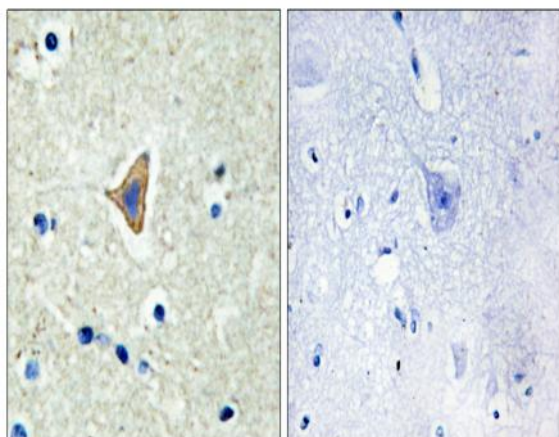
Western blot analysis of CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.



Immunohistochemistry 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.