

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.

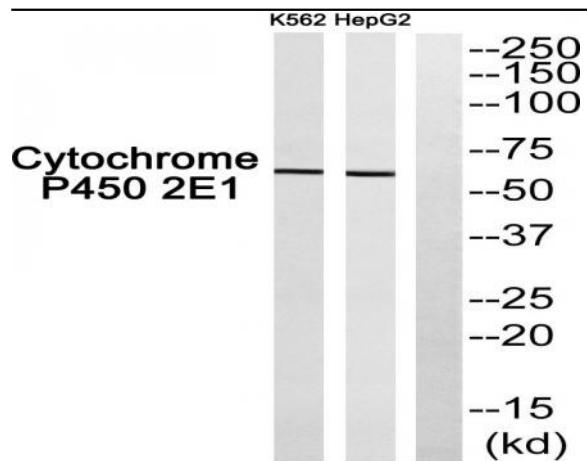
Sort : 3032

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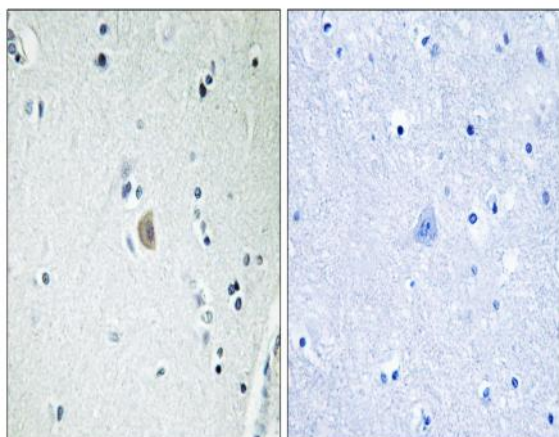
Host : Rabbit

Modifications : Unmodified

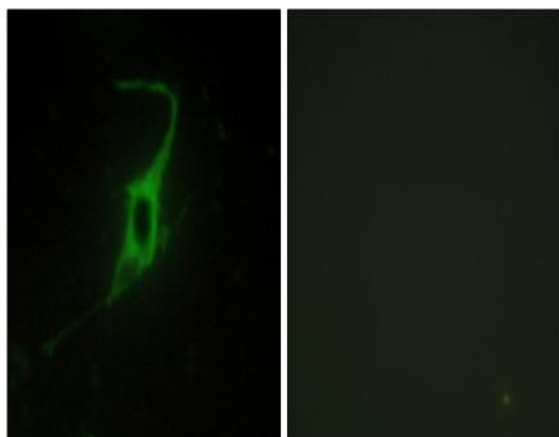
Products Images



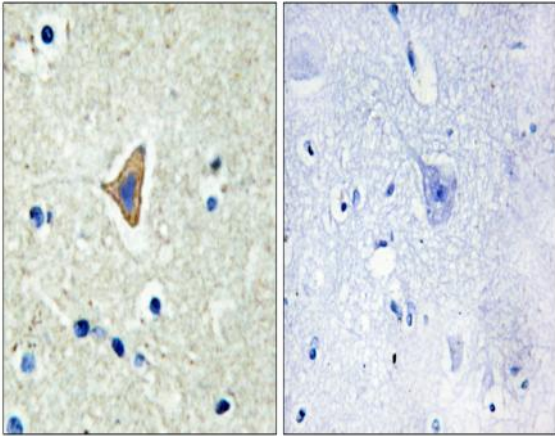
Western blot analysis of CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.



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.