

**产品名称: Cadherin-20 Rabbit Polyclonal Antibody**  
**产品货号: AP Rab07830**



## 产品概述 (Summary)

|                        |                                        |
|------------------------|----------------------------------------|
| 产品名称 (Production Name) | Cadherin-20 Rabbit Polyclonal Antibody |
| 描述 (Description)       | Rabbit polyclonal Antibody             |
| 宿主 (Host)              | Rabbit                                 |
| 应用 (Application)       | IHC, ICC, IF, ELISA                    |
| 种属反应性 (Reactivity)     | Human, Mouse, Rat                      |

## 产品性能 (Performance)

|                     |                                                                                                   |
|---------------------|---------------------------------------------------------------------------------------------------|
| 偶联物 (Conjugation)   | Unconjugated                                                                                      |
| 修饰 (Modification)   | Unmodified                                                                                        |
| 同种型 (Isotype)       | IgG                                                                                               |
| 克隆 (Clonality)      | Polyclonal                                                                                        |
| 形式 (Form)           | Liquid                                                                                            |
| 存放说明 (Storage)      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.          |
| 储存溶液 (Buffer)       | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| 纯化方式 (Purification) | Affinity purification                                                                             |

## 免疫原信息 (Immunogen)

|                        |                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------|
| 基因名 (Gene Name)        | CDH20                                                                                                      |
| 别名 (Alternative Names) | CDH20; CDH7L3; Cadherin-20                                                                                 |
| 基因 ID (Gene ID)        | 28316.0                                                                                                    |
| 蛋白 ID (SwissProt ID)   | Q9HBT6. The antiserum was produced against synthesized peptide derived from human CDH20. AA range: 111-160 |

## 产品应用 (Application)

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| 稀释比 (Dilution Ratio)     | IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000 |
| 蛋白分子量 (Molecular Weight) |                                                            |

## 研究背景 (Background)

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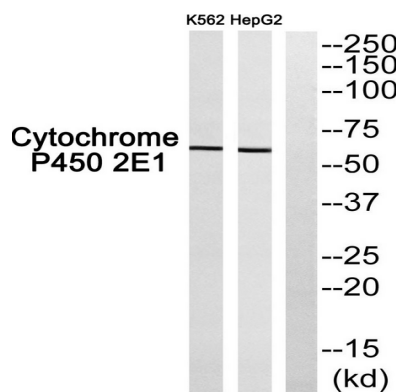


This gene is a type II classical cadherin from the cadherin superfamily and one of three cadherin 7-like genes located in a cluster on chromosome 18. The encoded membrane protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region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

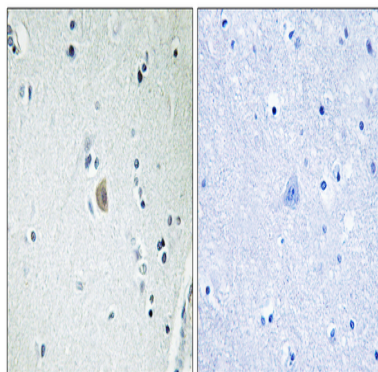
## 研究领域 (Research Area)

Adherens\_Junction

## 图片 (Image Data)

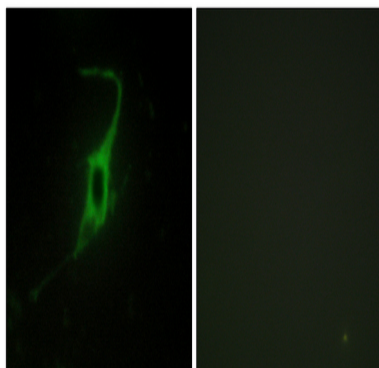


Western blot analysis of CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.

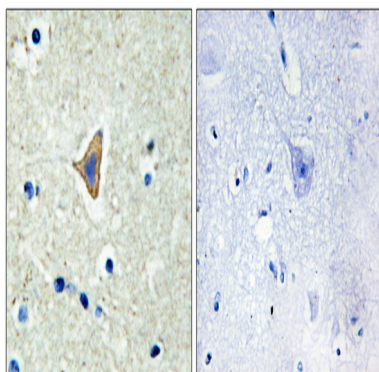


Immunohistochemistry analysis of paraffin-embedded human brain, using CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.

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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.

#### 注意事项 (Note)

For research use only .