



# Cadherin-20 Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>         | BYab-16930                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Reactivity</b>         | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>       | IHC;IF;ELISA                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Gene Name</b>          | CDH20                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Name</b>       | Cadherin-20                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human CDH20. AA range:111-160                                                                                                                                                                                                                                                                                                                     |
| <b>Specificity</b>        | Cadherin-20 Polyclonal Antibody detects endogenous levels of Cadherin-20 protein.                                                                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                 |
| <b>Dilution</b>           | Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>           | CDH20; CDH7L3; Cadherin-20                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Observed Band</b>      |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Cell Pathway</b>       | Cell membrane; Single-pass type I membrane protein.                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Tissue Specificity</b> | Expressed in placenta, adult brain, and fetal brain.                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Function</b>           | 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., |
| <b>Background</b>         | 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                                                                                              |

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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],

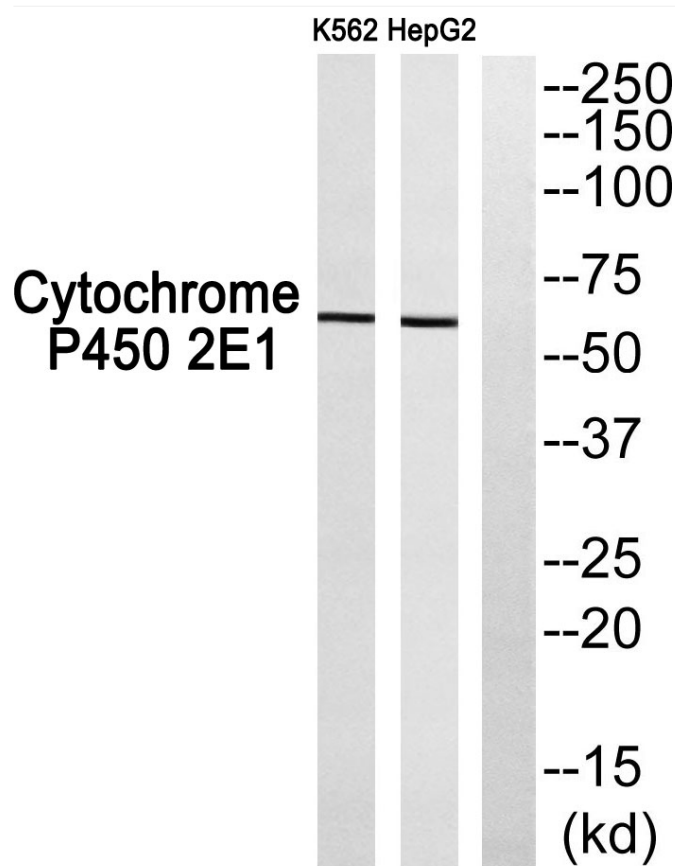
**matters needing attention**

Avoid repeated freezing and thawing!

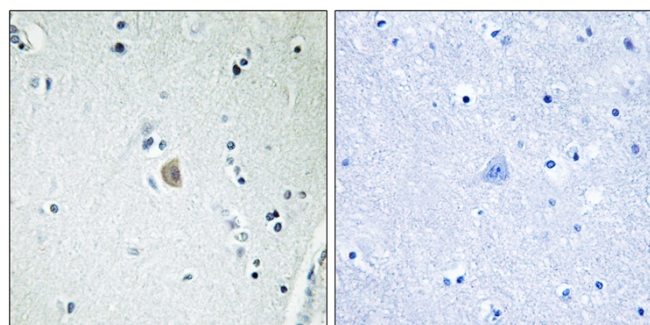
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

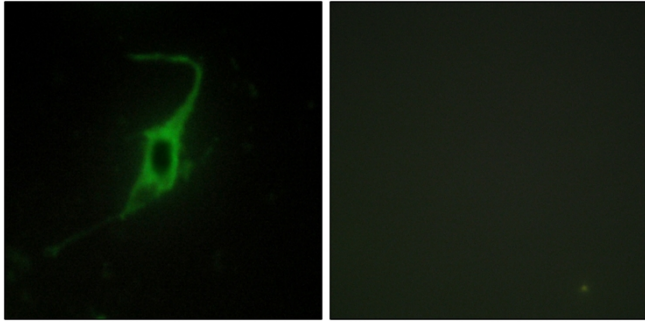


Western blot analysis of CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.

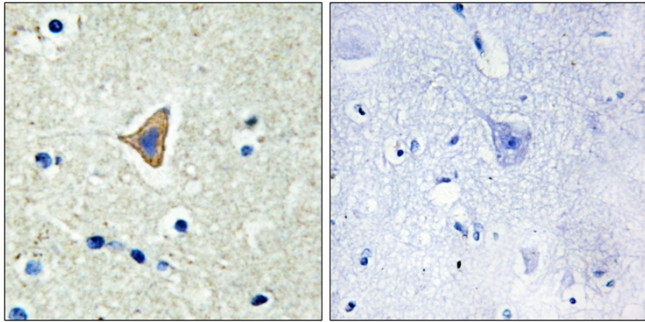


Immunohistochemistry analysis of paraffin-embedded human brain, using CDH20 Antibody. The lane on the right is blocked with the CDH20 peptide.

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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.