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# PCDHGB4 Rabbit pAb

Catalog # AP97648

## Product Information

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| **Application** | IHC-P, IHC-F, IF, E |
| **Predicted** | Rat, Pig, Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 97 KDa |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human PCDHGB4 |
| **Epitope Specificity** | 101-200/923 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SIMILARITY** | Contains 6 cadherin domains. |
| **SUBUNIT** | Contains 6 cadherin domains. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | The cadherins are a family of Ca2+-dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of structure and morphogenesis. Cadherins each contain a large extracellular domain at the N-terminus, which is characterized by a series of five homologous repeats, the most distal of which is thought to be responsible for binding specificity. Cadherin-20, also known as protocadherin gamma B4, is a member of the protocadherin gamma gene cluster. Expressed primariy in fibroblasts, cadherin-20 plays a critical role in neuronal cell-cell connections in the brain. Through its ability to mediate cell-cell adhesion, caderin-20 is thought to help the body respond to injury by regulating post-traumatic wound healing. |

## Additional Information

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| **Gene ID** | 8641 |
| **Other Names** | CDH20; FIB2; PCDH-GAMMA-B4; protocadherin gamma subfamily B, 4; fibroblast cadherin FIB2; cadherin 20 |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| **Name** | PCDHGB4 Rabbit pAb |
| **Function** | Potential calcium-dependent cell-adhesion protein. May be involved in the |

establishment and maintenance of specific neuronal connections in the brain.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.