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# PCDHGC3 Rabbit pAb

PCDHGC3 Rabbit pAb
Catalog # AP54407

## Product Information

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| **Application** | WB |
| **Primary Accession** | Q9UN70 |
| **Reactivity** | Rat, Human, Mouse |
| **Predicted** | Horse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 101077 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human PCDHGC3/PCDH2 |
| **Epitope Specificity** | 251-350/934 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Cell membrane. Single-pass type I membrane protein. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| **Background Descriptions** | Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters, designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. PCDH2 (protocadherin-2), also known as PCDHGC3 (protocadherin gamma subfamily C, 3) or PC43, is a 934 amino acid single-pass type I membrane protein that contains six cadherin domains and belongs to the protocadherin gamma family. Functioning as a calcium-dependent cell-adhesion protein, PCDH2 is thought to be involved in the establishment and maintenance of neuronal connections within the brain. Multiple isoforms of PCDH2 exist due to alternative splicing events. |

## Additional Information

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| **Gene ID** | 5098 |
| **Other Names** | Protocadherin gamma-C3, PCDH-gamma-C3, Protocadherin-2, Protocadherin-43, PC-43, PCDHGC3, PCDH2 |
| **Dilution** | WB=1:500-2000 |
| **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. |

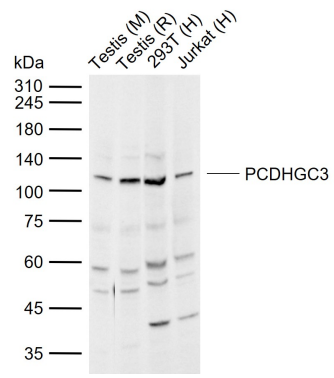
## Protein Information

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|---|---|
| **Name** | PCDHGC3 |
| **Synonyms** | PCDH2 |
| **Function** | Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain. |
| **Cellular Location** | Cell membrane; Single-pass type I membrane protein |

## Background

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## Images




Sample:
Lane 1: Mouse Testis tissue lysates
Lane 2: Rat Testis tissue lysates
Lane 3: Human 293T cell lysates
Lane 4: Human Jurkat cell lysates
Primary: Anti-PCDHGC3 (AP54407) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 98 kDa
Observed band size: 115 kDa

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