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PCDHGB2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18383A

Specification

PCDHGB2 Antibody (N-term) - Product Information

Application	**WB,E**
Primary Accession	Q9Y5G2
Other Accession	NP_061746.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**100875**
Antigen Region	**160-186**

PCDHGB2 Antibody (N-term) - Additional Information

Gene ID 56103

Other Names
Protocadherin gamma-B2, PCDH-gamma-B2, PCDHGB2

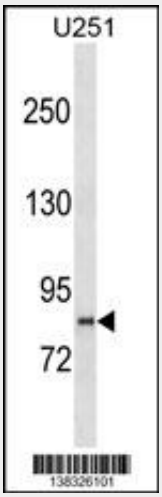
Target/Specificity
This PCDHGB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 160-186 amino acids from the N-terminal region of human PCDHGB2.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
PCDHGB2 Antibody (N-term) is for research



PCDHGB2 Antibody (N-term) (Cat. #AP18383a) western blot analysis in U251 cell line lysates (35ug/lane).This demonstrates the PCDHGB2 Antibody detected the PCDHGB2 protein (arrow).

PCDHGB2 Antibody (N-term) - Background

This gene is a member of the protocadherin gamma gene cluster, one of three related clusters tandemly linked on chromosome five. These gene clusters have an immunoglobulin-like organization, suggesting that a novel mechanism may be involved in their regulation and expression. The gamma gene cluster includes 22 genes divided into 3 subfamilies. Subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and the more distantly related subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region, containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular

use only and not for use in diagnostic or therapeutic procedures.

PCDHGB2 Antibody (N-term) - Protein Information

Name PCDHGB2

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

PCDHGB2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

region, which
includes 6 cadherin ectodomains and a transmembrane region. The
constant region exons encode the common cytoplasmic region. These
neural cadherin-like cell adhesion proteins most likely play a
critical role in the establishment and function of specific
cell-cell connections in the brain. Alternative splicing has been
described for the gamma cluster genes.

PCDHGB2 Antibody (N-term) - References

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