

DNAxPAb

Hard-to-Find
Antibody

PCDHA1 DNAxPab

Catalog # H00056147-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PCDHA1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MVFSRRGGLGARDLLLWLLLLAAWEVGSQQLHYSIPEEAKHGTFVGRVAQDLGLELAELVPRLF RVASKTHRDLLLEVNLQNGILFVNSRIDREELCQWSAECSIHLELIADRPLQVFHVEVKVKDINDNPP VFRGREQIIFIPESRLNLSRFPIEGAADADIGANALLTYTLSPSDYFSLDVEASDELSKSLWLELRKY LDREETPELHLLL TATDGGKPELQGTVELLITVLDVNDNAPLFDQAVYRVHLETTANGTLVTTLNA SDADEGVNGEVVFSFDSGISRDIQEKFKVDSSSGEIRLIDKLDYEETKSYEIQVKAVDKGSPPMSN HCKVLVKVLDVNDNAPELAVTSLYLPREDAPLSTVIALITVSDRDSGANGQVTCSLMPHVPFKLV STFKNYSLVLDSALDRESLSVYELVVTARDGGSPSLWATARVSVEVADVNDNAPAFAPQPEYTV FVKENNPPGCHIFTVSARDADAQENALVSYSLVERRVGERALSNYVSVHAESGKVYALQPLDHE ELELLQFQPRQPNPDWRYASLRAGMHSSVHLEEAGILRAGPGGPDQQWPTVSSATPEPEAGE VSPPVGAGVNSNSWTFKYGPGNPKQSGPGELPDKFII PGSPAISIRQEPTNSQIDKSDFITFGKKE ETKKKKKKKKGNKTQEKKEKGNSTTDNSDQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — PCDHA1

Entrez GeneID [56147](#)

GeneBank Accession# [BC166697.1](#)

Protein Accession# [AA166697.1](#)

Gene Name PCDHA1

Gene Alias PCDH-ALPHA1

Gene Description protocadherin alpha 1

Omim ID [606307](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined. [provided by RefSeq]

Other Designations KIAA0345-like 13

Disease

- [Bipolar Disorder](#)
- [Schizophrenia](#)