

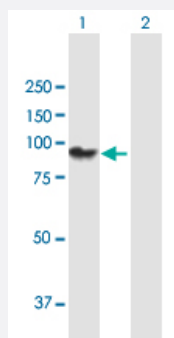
MaxPab®

PCDHGA11 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056105-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PCDHGA11 expression in transfected 293T cell line ([H00056105-T01](#)) by PCDHGA11 MaxPab polyclonal antibody.

Lane1:PCDHGA11 transfected lysate(92.07 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PCDHGA11 protein.

Immunogen

PCDHGA11 (NP_114480.1, 1 a.a. ~ 837 a.a) full-length human protein.

Sequence

MANRLQRGDRSRLLLLLCIFLGLRGFRARQIRYSVPEETEKGSFVGNISKDLGLEPRELAKRGVRI
VSRGKTQLFAVNPRSGSLITAGRIDREELCETVSSCFLNMELLVEDTLKIYGEVEIIDINDNAPSFQ
EDEVEIKVSEHAIPGARFALPNARDPDVGVNSLQSYQLSPNNYFSLQLRGRTDGAKNPVLVLEGS
LDREKEAAHLLLLTALDGGDPIRKGAIVIRVVLDVNDHIPMFTQSVYRVSVPENISSGTRVLMVN
ATDPDEGINGEVMYSFRNMESKASEIFQLDSQTGEVQVRGSLDFEKYRFYEMEIQGQDGGGLFTT
TTMLITVVDVNDNAPEITITSSINSILENSPPGTVIALLNVDQDQSGENGQVSCFIPNHLFPKLEKTYG
NYYKLITSRVLDRELVSYNITLTATDQGSPPLSAETHVWLVNADDNDNPPVFPHSSYSAYIPENNP
RGASIFSVTALDPDSKQNALVTYSLTDDTVQGVPLSSYVSINSNTGVLVALQSFQDYEQFRDLELRVI
ARDSGDPPLSSNVSLSLFVLDQNDNAPEILYPALPTDGSTGVELAPRSAEPGLVTKVVAVDKDS
GQNAWLSYRLLKASEPGLFVAGEHTGEVRTARALLDRDALKQSLVVAVQDHGQPPLSATVTLTV
AVADSIPEVLADLGSLESLANSETSDLSLYLVVAVAAVSCIFLVFVIMLLALRLWRWHKSRLQAS
EGGLAGMPTSHFVGVDGVQAFLQTSHEVSLIADSQKSHLIFPQPNYGDTLISQESCEKSEPLLIA
EDSAILGKCDPTSNQVRFISLPPNCWCLGTSLLRRCFLSLL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (79); Rat (80)

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)

Western Blot analysis of PCDHGA11 expression in transfected 293T cell line ([H00056105-T01](#)) by PCDHGA11 MaxPab polyclonal antibody.

Lane1:PCDHGA11 transfected lysate(92.07 KDa).

Lane2:Non-transfected lysate.

[Protocol Download](#)

Gene Info — PCDHGA11

Entrez GeneID[56105](#)**GeneBank Accession#**[NM_032091.1](#)**Protein Accession#**[NP_114480.1](#)**Gene Name**

PCDHGA11

Gene Alias

PCDH-GAMMA-A11

Gene Description

protocadherin gamma subfamily A, 11

Omim ID[606298](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

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 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. [provided by RefSeq]

Other Designations

-