

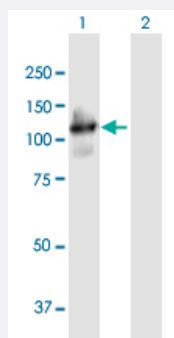
MaxPab®

PCDHGA4 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056111-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PCDHGA4 expression in transfected 293T cell line ([H00056111-T01](#)) by PCDHGA4 MaxPab polyclonal antibody.

Lane 1: PCDHGA4 transfected lysate(102.41 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PCDHGA4 protein.

Immunogen

PCDHGA4 (AAI56731.1, 1 a.a. ~ 931 a.a) full-length human protein.

Sequence

MAAPPARPDHTRLLQICLLLGVLVEIRAEQILYSVFEEQEEGSVVGNIKDLGLAPRELAERGVRV
SRGRTQLFALNPRSGTLVTAGRIDREELCDRSPNCVTNLEILLEDTVKILRVEVEIIDVNDNPPSFGT
EQREIKVAENENPGARFPLPEAFDPDVGVNSLQGYQLNSNGYFSLDVQSGADGIKYPELVLERAL
DREEEAVHHLVLTAFDGGDPVRSGTARILILVDTNDNAPVFTQPEYHVSRENVPVGTRLLTVKA
TDPDEGANGDVTYSFRKVRDKISQLFQLNSLSGDITLGGLDYEDSGFYDIDVEAHDGPGLRARSK
VLVTVLDENDNAPEVTVTSLTSSVQESSPGTVIALFNVDSDSGGNGLVTCSIPDNLPFTLEKTY
GNYRLLTHRTLDREEVSEYNITVTATDQGTPLSTETHISLQVMDINDNPPTFPHASYSAYIPENNP
RGASILSMTAQDPDSDGNARITYSLAEDTFQGAPLSSYVSINSNTGILYALCSFDYEQFRDLQLLMT
ASDSGDPLSSNVSLSLFVLQNDNVPEILYPTFPTDGSTGVELAPRSADSGYLVTKVVAVD RDS
GQNAWLSYSLLKSSEPGLFAVGLHTGEVRTARALLDRDALKQRLVVVVQDHGQPPLSATVTLTV
AVADSIPDVLADLGLKPSADPDDSGLTLYLVVAVAAVSCVFLAFVTVLLALKLRRWHKSRLLHA
EGSRLAGVPASHFVGVDGVRAFLQTYSHVSLTADSRKSHLIFSQPSYADTLISRESCEKSEPLLI
TQDLLETKGDPNLQQAPPNTDWRFSQAQRPGTSGSQNGDDTGTWPNNQFDTEMLQAMILASAS
EAADGSSTLGGGAGTMGLSARYGPQFTLQHVPDYRQNVYIPGSNATLTNAAGKRDGKAPAGGNG
NKKKSGKKEKK

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (84)
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.

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[Protocol Download](#)

Gene Info — PCDHGA4

Entrez GeneID	56111
GeneBank Accession#	BC156730.1
Protein Accession#	AA156731.1
Gene Name	PCDHGA4
Gene Alias	PCDH-GAMMA-A4
Gene Description	protocadherin gamma subfamily A, 4
Omim ID	606291
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

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