

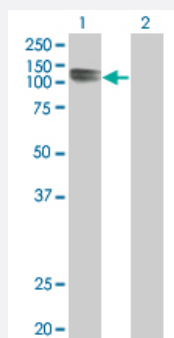
MaxPab®

PCDHAC2 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056134-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PCDHAC2 expression in transfected 293T cell line ([H00056134-T01](#)) by PCDHAC2 MaxPab polyclonal antibody.

Lane 1: PCDHAC2 transfected lysate (97.24 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PCDHAC2 protein.

Immunogen

PCDHAC2 (NP_114089.1, 1 a.a. ~ 884 a.a) full-length human protein.

Sequence

MEQAGTRPAATEHPRLRRPMPWLLLLPLLLLLLLLLPGPAASQLRYSVP EEQAPGALVGNVARAL
GLELRR LGPGCLRINHLGAPSPRYLELDLTSGALFVNERIDREALCEQRPRCLLSLEVLAHNPVAV
SAVEVEILDINDNSPRFPRPNYQLQVSESVAPGARFHIESAQDPDVGANSVQTYELSPSEHFELD
LKPLQENSKVLELVLRKGLDREQAALHHLVLTAVDGGIPARSGTAQISVRVLDTNDNSPAFDQSTY
RVQLREDSPPGTLVVKLNASDPDEGSNGELRYSLSYTSDRERQLFSIDASTGEVRVIGGLDYEE
ASSYQIYVQATDRGPVPMAGHCKVLVDMDVNDNAPEVVLTDLYSPVPENATPNTMAVLSVNDQ
DSGPNRKVSLGLEATLPFRLNGFGNSYTLVVSGPLDRERVAVYNITVTATDGGIPQLTSLRTLKVEI
SDINDNPPSFLEDSSYSIQENNLPGVLLCTVQATDPDEKENAEVTYSLLEREIQGLPVT SYVSINSA
SGSLYAVNSFDYEKFREFVTV EAQDKGSPPLSSTVTANVYVDMNDHAPHILYPTSTNSSAAFE
MVPRTAPAGYLVTKVIAMDSDSGQNAWLFYHLAQTSDDLDFKVELHTGEIRTRKMGDESGSTFN
LTVVVRDNGEPLSASVAITVAVVDRVSKILPDTQRHVKSPRTYSEITLYLIALSTVSFIFLLTIIILSIK
CYRYTAYGTACCGGFCGVRERSPAELYQANNNIDARIPHGLKVQPHFIEVRGNGSLTKTYCYKAC
LTAGSGSDTFMFYNTGAQTGPGPSGAQA AVTDSRNL TGQSGQNAGNLILKNEAVSQNEVRQWS
GLLQTHAFVTHPPISCDLALLSH

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	Mouse (92); Rat (92)
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)

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[Protocol Download](#)

Gene Info — PCDHAC2

Entrez GeneID	56134
GeneBank Accession#	NM_031883.2
Protein Accession#	NP_114089.1
Gene Name	PCDHAC2
Gene Alias	MGC71598, PCDH-ALPHA-C2
Gene Description	protocadherin alpha subfamily C, 2
Omim ID	606321
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

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