

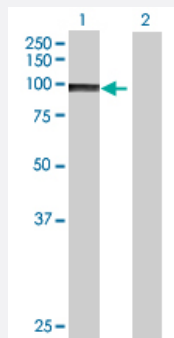
MaxPab®

PCDHA8 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056140-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PCDHA8 expression in transfected 293T cell line ([H00056140-T01](#)) by PCDHA8 MaxPab polyclonal antibody.

Lane 1: PCDHA8 transfected lysate(89.54 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PCDHA8 protein.

Immunogen

PCDHA8 (NP_114062.1, 1 a.a. ~ 814 a.a) full-length human protein.

Sequence

MDYHWRGELGSWRLLLLLLLLAAWKVGSGQLHYSVPEEAKHGTFVGRIQDLGLELAELVPRLF
RVASKRHRDLLEVSLQNGILFVNSRIDREELCGRSAECSIHLEVVDRLQVFHVDVEVKDVNDNP
PVFRVKDQKLFVSESRMPDSRFPLEGASDADVGANSVLTYRLSSHDFMLDVNSKNENDENKLVE
LVLRKSLDREDAPAHHLFLTATDGGKPELTGTVQLLVTVLDVNDNAPTFEQSEYEVRIENADNG
TTVIKLNASDPDEGANGAISYSFNSLVETMVIDHFSIDRNTGEMIRGNLDFEQENLYKILIDATDKGH
PPMAGHCTVLVRILDKNDNVPEIALTSLSLPVREDAQFGTVIALISVNDLDSGANGQVTCSLMPHV
PFLKLVSTFKNYSLVLDSDALDRERVSAYELVVTARDGGSPSLWATASLSVEVADVNDNAPAFQA
PEYTVFVKENPPGCHIFTVSARDADAQENALVSYSLVERRVGERSLSSYISVHTESGKVYALQPL
DHEELELLQFQVSARDAGVPPLGSNVTLQVFVLDENDNAPALLEPRVGGTGAASKLVPRSVG
AGHVVAKVRAVDADSGYNWLSYELQPAASSPRIPFRVGLYTGEISTTRVLDEADSPRHRLVLV
KDHGEPALTATATVLVSLVESGQAPKASSRQSAGVLGPEAALVDNVYLIICAVSSLLVLTLLLY
TALRCSALPTEGGCRAGKPTLVCSSAVGSWSYSQQQPQRVCSGEGPPKTDLMAFSPCLPPDL
GSVDVGEEQDLNVDHGLKVSPFKFRTHKFYLWKL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence	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.

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[Protocol Download](#)

Gene Info — PCDHA8

Entrez GeneID	56140
GeneBank Accession#	NM_031856.1
Protein Accession#	NP_114062.1
Gene Name	PCDHA8
Gene Alias	PCDH-ALPHA8
Gene Description	protocadherin alpha 8
Omim ID	606314
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 6