

MaxPab®

PCDHA10 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056139-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human PCDHA10 protein.
Immunogen	PCDHA10 (ADR83338.1, 1 a.a. ~ 685 a.a) full-length human protein.
Sequence	MVSRCSCLGVQCCLLSLLLLAAWEVGSQQLHYSVYEEARHGTFVGRIAQDLGLELAELVQRLFRV ASKRHGDLLEVNQLQNGILFVNSRIDREELCGRSVECSIHLEVIVDRPLQVFHVDVEVKDINDNPPR FSVTEQKLSIPESRLLDSRFPLEGASDADVGENALLTYKLSPNEYFVLDIINKKDKDKFPVLVLRKL LDREENPQLKLLLTATDGGKPEFTGSVSLILVLDANDNAPIFDRPVYEVKMYENQVNQTLVIRLNA SDSDEGINKEMMYSFSSLVPPTIRRKFWINERTGEIKVND AIDFDSNTY EIHVDVTDKGNPPMVG HCTVLVELLDENDNSPEVMTSLSLPVKEDAQVGTVALISVSDHDSGANGQVTCSLTPHVPFKLV STYKNYSLVLDSALDRERSAYELVVTARDGGSPPLWATASVSVEVADVNDNAPAF AQSEYTV FVKENNP PGCHIFTVSAWDADAQENALVSYSLVERRLGERSLSSYVSVHAESGKVYALQPLDHE ELELLQFQPRQPNPDWRYASLRAGMHSSVHLEEAGILRAGPGGPDQQWPTVSSATPEPEAGE VSPPVGAGVNSNSWTFKYGPGNPKQSGPGELPKFIIPGSPAISIRQEPTNSQIDKSDFITFGKKE ETKKKKKKKKGNKTQEKKKEKGNSTTDNSDQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (83)
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](#)

Gene Info — PCDHA10

Entrez GeneID [56139](#)

GeneBank Accession# [HQ258585.1](#)

Protein Accession# [ADR83338.1](#)

Gene Name PCDHA10

Gene Alias CNR8, CNRN8, CNRS8, CRNR8, PCDH-ALPHA10

Gene Description protocadherin alpha 10

Omim ID [606316](#)

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 4|ortholog to mouse CNR8