

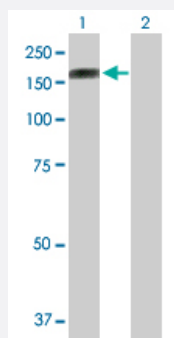
MaxPab®

# PCDH10 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00057575-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of PCDH10 expression in transfected 293T cell line ([H00057575-T01](#)) by PCDH10 MaxPab polyclonal antibody.

Lane 1: PCDH10 transfected lysate(114.4 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human PCDH10 protein.

### Immunogen

PCDH10 (NP\_116586.1, 1 a.a. ~ 1040 a.a) full-length human protein.

### Sequence

MVLLLFALLWMVEGVFSQLHYTVQEEQEHGTFVGN AEDLGLDITKLSARGFQTPNSRTPYLDL  
NLETGVLYVNEKIDREQICKQSPSCVLHLEV FLENPLELFQVEIEVLDINDNPPSFPEPDLTVEISES  
ATPGTRFPLESAFDPPDVG TNSLRDYEITPNSYFSLDVQTQGDGNRFAELVLEKPLDREQQAVHRY  
VLTAVDGGGGGGVGE GGGGGGGGAGLPPQQQRTGTALLTIRV LDSNDNVP AFDQP VYTVSLPEN  
SPPGTLVIQLNATDPDEGQNGEVVYSFSSHISPRARELFGLSPRTGRLEVSGELDYEE SPVYQVY  
VQAKDLGPNAVPAHCKVLVRVLDANDNAPEISFSTVKEAVSEGAAPGTVVALFSVTDRDSEENG  
QVQCELLGDVPFRLKSSFKNYITVTEAPLDREAGDSYTLTVVARDRGEPALSTSKSIQVQVSDV  
NDNAPRFSQPVDVYVTENNVP GAYIYAVSATDRDEGAN AQLAYSILECQIQGMSVFTYVSINSEN  
GYLYALRSFDYEQLKDFS FQVEARDAGSPQALAGNATVNILMDQNDNAPAIVAPLPGRNGTPARE  
VLPRSAEPGYLLTRVA AVDADDGENARLTYSIVRG NEMNLF RMDWRTGELRTARRVPAKRDPQR  
PYELVIEVRDHGQPPLSSTATLVVQLVDGAVEPQGGGGSGGGGSGEHQRP SRSGGGETSLDLT  
LILIALGVSFIFLLAMVLAVRCQKEKLN YTC L ASDCCLCCCCCGGGGSTCCGRQARARKKKL  
SKSDIMLVQSSNVPSNPAQVPIEESGGFGSHHHNQNYCYQVCLTPESA KTDLMFLKPCSPSRST  
DTEHNPCGAMVTGYTDQQPDII SNGSILSNETKHQRAELSYLVDRPRRVNSSAFQEADIVSSKDSG  
HGDSEQGDSHDATNRAQSAGMDLFSNCTEECKALGHSDRCWMPSFVPSDGRQAADYRSNL  
HVPGMDSVPDTEVFETPEAQPGAERSFSTFGKEKALHSTLERKELDGLLTNTRAPYKPPYLTRKR  
IC

|                               |                                                                          |
|-------------------------------|--------------------------------------------------------------------------|
| Host                          | Mouse                                                                    |
| Reactivity                    | Human                                                                    |
| Interspecies Antigen Sequence | Mouse (97)                                                               |
| 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 — PCDH10

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Entrez GeneID       | <a href="#">57575</a>                               |
| GeneBank Accession# | <a href="#">NM_032961.1</a>                         |
| Protein Accession#  | <a href="#">NP_116586.1</a>                         |
| Gene Name           | PCDH10                                              |
| Gene Alias          | DKFZp761O2023, KIAA1400, MGC133344, OL-PCDH, PCDH19 |
| Gene Description    | protocadherin 10                                    |
| Omim ID             | <a href="#">608286</a>                              |
| Gene Ontology       | <a href="#">Hyperlink</a>                           |

**Gene Summary**

This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The mRNA encodes a cadherin-related neuronal receptor thought to play a role in the establishment and function of specific cell-cell connections in the brain. This family member contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Alternatively spliced transcripts encode isoforms with unique cytoplasmic domains. [provided by RefSeq]

**Other Designations**

ortholog of OL-pcdh

**Disease**

- [Tobacco Use Disorder](#)