

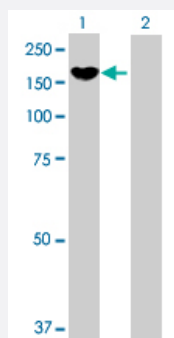
MaxPab®

# PCDH8 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005100-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of PCDH8 expression in transfected 293T cell line ([H00005100-T01](#)) by PCDH8 MaxPab polyclonal antibody.

Lane 1: PCDH8 transfected lysate(117.7 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human PCDH8 protein.

### Immunogen

PCDH8 (AAH36025.1, 1 a.a. ~ 1070 a.a) full-length human protein.

### Sequence

MSPVRRWGSPCLFPLQLFSLCWLSVAQSKTVRYSTFEEDAPGTVIGTLAEDLHMKVSGDTSFR  
LMKQFNSSLLRVREGDQQLTVGDAGLDRERLCGQAPQCVLAFDVSFSQEQFRLVHVEVEVRD  
VNDHAPRFPRAPQIPVEVSEGAAGVTRIPLEVPVDEDVGANGLQTVRLAEPHSPFRVELQTRADG  
AQCADLVLLQELDRESQAAYSLELVAQDGGRRPPRSATAALSVRVLDANDHSPAFPPQGAFAVE  
LAEDAPVGSLLLDLDAADPDEGPNGDVVFAFGARTPPEARLFRDPRSGRLTAGPVDYERQ  
DTYELDVRAQDRGPGPRAATCKVMRIRDVNDNAPDIAITLAAPGAPATSPFAAAAAAALGGAD  
ASSPAGAGTPEAGATSLVPEGAARESLVALVSTSDRDSGANGQVRCALYGHEHFRQLPAYAGS  
YLVVTAASLDRERIAEYNLTVAEDRGAPPLRTVRPYTVRVGDENDNAPLFTRPVYEVSVRENNP  
PGAYLATVAARDRLGRNGQVTVYRLLAEVGRAGGAVSTVSVDPATGAYALRSFDYETLRQLD  
VRIQASDGGSPQLSSSALVQVRVLDQNDHAPVLVHPAPANGSLEVAVPGRTAKDTVVARVQAR  
DADEGANGELAFELQQQEPREAFAGRRRTGEILLTGDLSEQEPPGRVFRALLVISDGGRRPLTTTAT  
VSFVVTAGGGRGPAAPASAGSPERSRPPGSRLGVSGSVLQWDTPLMIVLAGSCTLLAAIAIATT  
CNRRKKEVRKGGALREERPGAAGGGASAPGSPEEAARGAGPRPNMFDVLTFFPGTGKAPFGCP  
AADAPPPAVAAAEEVPGSEGGSATGESACHFEGQQRLRGAAHAEPYGASPGFGKEPAPPVAVWK  
GHSFNTISGREAEKFSGKDSGKDSDFNDSDDISGDALKKDLINHMQSGLWACTAECKILGHS  
DRCWSPSCSGPNAHPSHPPPAQMSTFCKSTSLPRDPLRRDNYYQAQLPKTVGLQSVYEKVLHR  
DYDRTVTLLSPPRPGRPLDLQEIGVPLYQSPPGRYLSPKKANENV

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Host                    | Mouse                                                                    |
| Reactivity              | Human                                                                    |
| 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 — PCDH8

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">5100</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| GeneBank Accession# | <a href="#">BC036025.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Protein Accession#  | <a href="#">AAH36025.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Name           | PCDH8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Alias          | ARCADLIN, PAPC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description    | protocadherin 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Omim ID             | <a href="#">603580</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Summary        | This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons. Notable is the large first exon encoding the extracellular region, including 6 cadherin domains and a transmembrane region. Alternative splicing yields isoforms with unique cytoplasmic tails. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000018464 OTTHUMP00000018465                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |