

DNAxPAb

Hard-to-Find  
Antibody

# PCDHB5 DNAxPab

Catalog # H00026167-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human PCDHB5 DNA using DNAx™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence                | METALAKTPQKRQVMFLAILLLLWEAGSEAVRYSIPEETESGYSVANLAKDLGLGVGELATRGAR<br>MHYKGNKELLQLDIKTGNLLLYEKLDREVMCGATEPCILHFQLLENPVQFFQTDLQLTDINDHAPE<br>FPEKEMLLKIPESTQPGTVFPLKIAQDFDIGSNTVQNYTISPNSHFHVATHNRGDGRKYPELVLDKA<br>LDREERPELSLTLTALDGGAPPRSGTTTIRVLDNNDNAPEFLQSFYEVQVPENSPLNSLVVVVS<br>ARLDAGAYGSVAYALFQGDEVTQPFVIDEKTAEIRLKRALDFEATPYYNVEIVATDGGGLSGKCT<br>VAIEVVDVNDNAPELTMSTLSSPTPENAPETVVAVFSVSDPDSDNGRMICSIQNDLPFLKPTLK<br>NFYTLVTQRTLDRESQAEYNITITVDMGTPRLKTEHNITVLVSDVNDNAPAFQTQSYTLFVRENNSP<br>ALHIGSVSATDRDSGTNAQVTYSLPPQNPHLRLASLV SINADNGHLFALRSLDYEALQAFEFVRVG<br>ATDRGSPALSSEALVRVLVLDANDNSPFVLYPLQNGSAPCTELVPRAAEPGYLVTKVVAVDGDS<br>GQNAWLSYQLLKATEPGLFSMWAHNGEVRTARLLSERDAAKHRLVVLVKDNGEPPRSATATLH<br>VLLVDGFSQPYPPLPEAAPAQQAQADSLTVYLVVALASVSSLFLFSVLLFVAVRLCRRSRAAPVGR<br>CSVPEGPFPGLHVDVSGTGTLQSYYHYEVCLTGD SGAGEFKFLKPIPNLLPQGAGEEIGKTA AFR<br>NSFGLN |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 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](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — PCDHB5

**Entrez GeneID** [26167](#)

**GeneBank Accession#** [DQ895061.2](#)

**Protein Accession#** [ABM85987.1](#)

**Gene Name** PCDHB5

**Gene Alias** DKFZp586B0217, PCDH-BETA5

**Gene Description** protocadherin beta 5

**Omim ID** [606331](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene is a member of the protocadherin beta gene cluster, one of three related gene clusters tandemly linked on chromosome five. The gene clusters demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The beta cluster contains 16 genes and 3 pseudogenes, each encoding 6 extracellular cadherin domains and a cytoplasmic tail that deviates from others in the cadherin superfamily. The extracellular domains interact in a homophilic manner to specify differential cell-cell connections. Unlike the alpha and gamma clusters, the transcripts from these genes are made up of only one large exon, not sharing common 3' exons as expected. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific cell-cell neural connections. [provided by RefSeq]

**Other Designations** -