Product Datasheet

# PCDHB4 Polyclonal Antibody

Catalog No: #30152

Package Size: #30152-1 50ul #30152-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

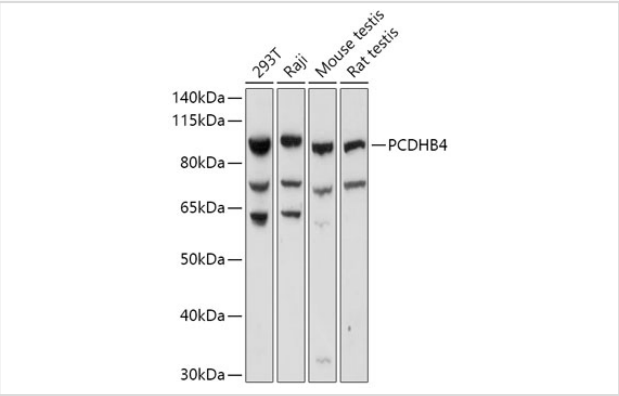
## Description

| | |
|---|---|
| Product Name | PCDHB4 Polyclonal Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB,IF |
| Species Reactivity | Human,Mouse,Rat |
| Immunogen Description | Recombinant fusion protein of human PCDHB4 (NP_061761.1). |
| Other Names | PCDH-BETA4;PCDHB4 |
| Accession No. | Uniprot:Q9Y5E5GeneID:56131 |
| Uniprot | Q9Y5E5 |
| GeneID | 56131 |
| Calculated MW | 87kDa |
| SDS-PAGE MW | 87kDa |
| Formulation | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |

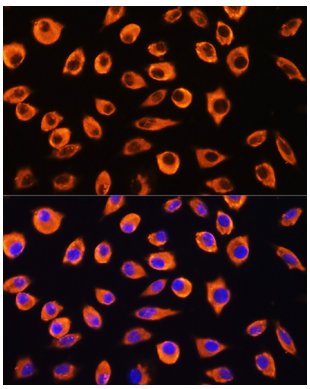
## Application Details

WB□1:500 - 1:2000IF□1:50 - 1:200

## Images




Western blot analysis of extracts of various cell lines, using PCDHB4 antibody.



Immunofluorescence analysis of L929 cells using PCDHB4 Rabbit pAb.

## Background

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, Jul 2008]

Note: This product is for in vitro research use only