

For Research Use Only

# PCDH8 Recombinant antibody

Catalog Number: 84134-3-RR



## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>84134-3-RR       | <b>GenBank Accession Number:</b><br>BC036025 | <b>Purification Method:</b><br>Protein A purification |
| <b>Size:</b><br>900 ug/ml                  | <b>GeneID (NCBI):</b><br>5100                | <b>CloneNo.:</b><br>241362C6                          |
| <b>Source:</b><br>Rabbit                   | <b>UNIPROT ID:</b><br>O95206                 | <b>Recommended Dilutions:</b><br>WB 1:5000-1:50000    |
| <b>Isotype:</b><br>IgG                     | <b>Full Name:</b><br>protocadherin 8         |   |
| <b>Immunogen Catalog Number:</b><br>AG5090 | <b>Calculated MW:</b><br>1070 aa, 113 kDa    |   |
|  | <b>Observed MW:</b><br>104-120 kDa           |   |

## Applications

|   |  |
|---|--|
| <b>Tested Applications:</b><br>WB, ELISA    | <b>Positive Controls:</b><br>WB : Neuro-2a cells, mouse brain tissue |
| <b>Species Specificity:</b><br>human, mouse |  |

## Background Information

Protocadherin-8 (PCDH8) is a member of the protocadherin family that belongs to the cadherin superfamily. Protocadherins are calcium-dependent adhesion proteins and have been implicated in neural cell-cell interactions. They are abundantly expressed in the central nervous system during embryonic development and in adulthood (PMID: 24214103). PCDH8 is a tumor suppressor involved in tumorigenesis.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

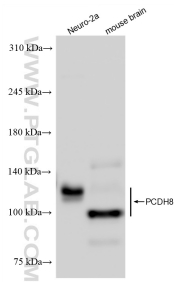
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

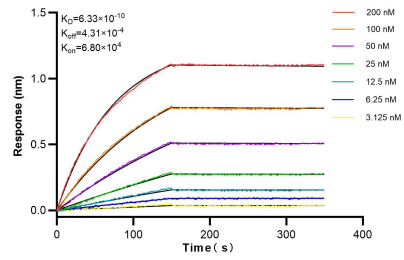
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84134-3-RR (PCDH8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84134-3-RR against Human PCDH8 were performed. The affinity constant is 0.633 nM.