

## Rabbit PCDH21 Polyclonal Antibody | anti-CDHR1 antibody

PCDH21 antibody - N-terminal region

| CATALOG # | HOST   | REACTIVITY                                                                                                          | APPLICATIONS |
|-----------|--------|---------------------------------------------------------------------------------------------------------------------|--------------|
| AAA200071 | Rabbit | Tested Reactivity: Human<br>Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish | Western Blot |

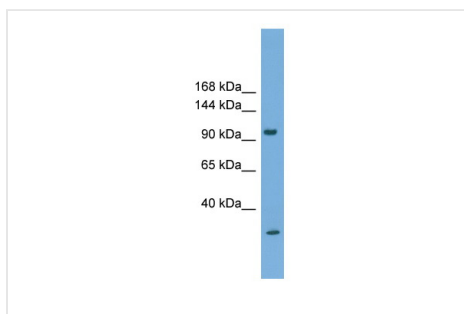
### PRODUCT SYNONYMS

PCDH21; Polyclonal Antibody; PCDH21 antibody - N-terminal region; anti-CDHR1 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                |
| Reactivity                                      | Tested Reactivity: Human<br>Predicted Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish                   |
| Clonality                                       | Polyclonal                                                                                                                            |
| Purity/Purification                             | Affinity Purified                                                                                                                     |
| Form/Format                                     | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                     |
| Concentration                                   | Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)                                                                 |
| Sequence                                        | GSHVYTLNGT DPEGDPISYH ISFDPSTRSV FSDPTFGNI TLVEELDRER                                                                                 |
| Applicable Applications for anti-CDHR1 antibody | WB (Western Blot)                                                                                                                     |
| Protein Size (# AA)                             | 859 amino acids                                                                                                                       |
| Protein Interactions                            | PROM1; RYK;                                                                                                                           |
| Blocking Peptide                                | For anti-CDHR1 antibody is Catalog # immunogen is a synthetic peptide directed towards the N terminal region of human PCDH21          |
| Predicted Homology                              | Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 77%                     |
| Preparation and Storage                         | For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**WB (Western Blot)**

WB Suggested Anti-PCDH21 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive

Control: Human heart

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CDHR1 antibody | This gene is a member of the cadherin superfamily of calcium-dependent cell-cell adhesion molecules. This non-classical cadherin appears to be exclusively expressed in the mitral and tufted cells in the main and accessory olfactory bulbs of the brain, suggesting a possible role in the formation and maintenance of neuronal networks. Alternatively spliced transcript variants encoding different isoform have been identified. |
| Product Categories/Family for anti-CDHR1 antibody   | Polyclonal; Cell Biology; Membrane & Traffic                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 16933565                                   |
| NCBI GeneID                      | 92211                                      |
| NCBI Accession #                 | NP_149091                                  |
| NCBI GenBank Nucleotide #        | NM_033100                                  |
| UniProt Accession #              | Q96JP9                                     |
| Molecular Weight                 | 91kDa                                      |
| NCBI Official Full Name          | cadherin-related family member 1 isoform 1 |
| NCBI Official Synonym Full Names | cadherin related family member 1           |
| NCBI Official Symbol             | CDHR1                                      |
| NCBI Official Synonym Symbols    | RP65; PRCAD; CORD15; PCDH21                |
| NCBI Protein Information         | cadherin-related family member 1           |
| UniProt Protein Name             | Cadherin-related family member 1           |
| UniProt Gene Name                | CDHR1                                      |
| UniProt Synonym Gene Names       | KIAA1775; PCDH21; PRCAD; prCAD             |
| UniProt Entry Name               | CDHR1_HUMAN                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/pcdh21-antibody-western-blot-elisa/200071>