

## Rabbit anti-Human PCDH7 Polyclonal Antibody | anti-PCDH7 antibody

PCDH7 Antibody (C-term)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA284574 | Rabbit | Human      | Immunohistochemistry, ELISA, Western Blot |

### PRODUCT SYNONYMS

PCDH7; Polyclonal Antibody; PCDH7 Antibody (C-term); Protocadherin-7; Brain-heart protocadherin; BH-Pcdh; BHPCDH; anti-PCDH7 antibody

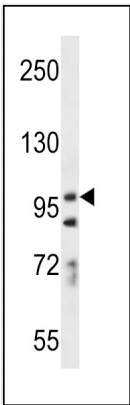
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This PCDH7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1039-1066 amino acids from the C-terminal region of human PCDH7.     |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 1039-1066                                                                                                                                                                    |
| Sequence Length                                 | 1069                                                                                                                                                                         |
| Applicable Applications for anti-PCDH7 antibody | IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

IMAGES



**IHC (Immunohiostchemistry)**  
PCDH7 Antibdy (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of PCDH7 Antibdy (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
PCDH7 Antibody (C-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the PCDH7 antibody detected the PCDH7 protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PCDH7 antibody | This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes a protein with an extracellular domain containing 7 cadherin repeats. The gene product is an integral membrane protein that is thought to function in cell-cell recognition and adhesion. Alternative splicing yields isoforms with unique cytoplasmic tails. [provided by RefSeq]. |
| Product Categories/Family for anti-PCDH7 antibody   | Neuroscience; <a href="#">Signal Transduction</a>                                                                                                                                                                                                                                                                                                                                                 |
| References                                          | Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :<br>Huang, Y.T., et al. J. Clin. Oncol. 27(16):2660-2667(2009)<br>Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)<br>Olsen, J.V., et al. Cell 127(3):635-648(2006)<br>Olsen, J.V., et al. Cell 127(3):635-648(2006)                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">14589931</a>                                                                          |
| NCBI GeneID                      | <a href="#">5099</a>                                                                              |
| NCBI Accession #                 | <a href="#">NP_002580.2</a> ; <a href="#">NP_115832.1</a>                                         |
| NCBI GenBank Nucleotide #        | <a href="#">NM_002589.2</a>                                                                       |
| UniProt Accession #              | <a href="#">O60245</a> ; <a href="#">O60246</a> ; <a href="#">O60247</a> ; <a href="#">Q4W5C4</a> |
| Molecular Weight                 | 116071                                                                                            |
| NCBI Official Full Name          | protocadherin-7 isoform a                                                                         |
| NCBI Official Synonym Full Names | protocadherin 7                                                                                   |
| NCBI Official Symbol             | PCDH7                                                                                             |
| NCBI Official Synonym Symbols    | BHPCDH; BH-Pcdh; PPP1R120                                                                         |
| NCBI Protein Information         | protocadherin-7                                                                                   |
| UniProt Protein Name             | Protocadherin-7                                                                                   |

|                            |                 |
|----------------------------|-----------------|
| UniProt Gene Name          | PCDH7           |
| UniProt Synonym Gene Names | BHPCDH; BH-Pcdh |
| UniProt Entry Name         | PCDH7_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pcdh7-antibody-immunohistochemistry-western-blot-elisa/284574>