

PCDH7 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12322b

Specification

PCDH7 Antibody (C-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	O60245
Other Accession	NP_002580.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	116071
Antigen Region	1039-1066

PCDH7 Antibody (C-term) - Additional Information

Gene ID 5099

Other Names

Protocadherin-7, Brain-heart protocadherin, BH-Pcdh, PCDH7, BHPCDH

Target/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.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

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.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PCDH7 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PCDH7 Antibody (C-term) - Protein Information

Name PCDH7

Synonyms BHPCDH**Cellular Location**

Cell membrane; Single-pass type I membrane protein

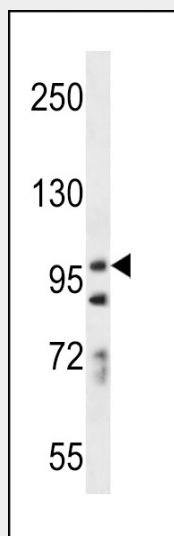
Tissue Location

Expressed predominantly in brain and heart and at lower levels in various other tissues

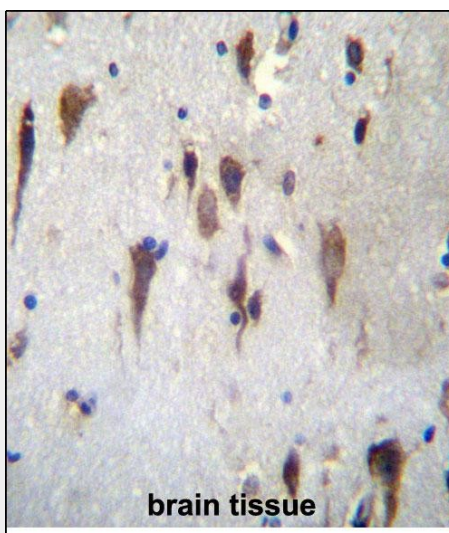
PCDH7 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PCDH7 Antibody (C-term) - Images

PCDH7 Antibody (C-term) (Cat. #AP12322b) western blot analysis in A549 cell line lysates (35ug/lane). This demonstrates the PCDH7 antibody detected the PCDH7 protein (arrow).



PCDH7 Antibdy (C-term) (Cat. #AP12322b) 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.

PCDH7 Antibody (C-term) - Background

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].

PCDH7 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Huang, Y.T., et al. J. Clin. Oncol. 27(16):2660-2667(2009)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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