

## Product datasheet for **AP53196PU-N**

### PCDH7 (C-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1000. <b>Western blot:</b> 1/100 - 1/500. <b>Immunohistochemistry on paraffin sections:</b> 1/10 - 1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1038-1066 amino acids from the C-terminal region of human PCDH7
Specificity:	This antibody reacts to PCDH7.
Formulation:	PBS State: Aff - Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) sodium azide
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	116071 Da
Gene Name:	protocadherin 7
Database Link:	<a href="#">Entrez Gene 5099 Human</a> <a href="#">O60245</a>



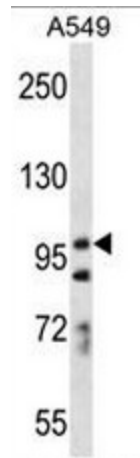
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**Background:** This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes a protein with an extracellular domain containing 7 cadherin repeats. The gene product is an integral membrane protein that is thought to function in cell-cell recognition and adhesion. Alternative splicing yields isoforms with unique cytoplasmic tails. [provided by RefSeq].

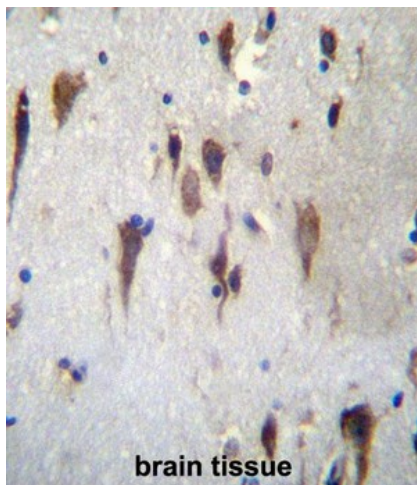
**Synonyms:** Protocadherin-7, Protocadherin 7, BHPCDH, BH-Pcdh

**Protein Families:** Druggable Genome, Transmembrane

**Product images:**



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



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.