

Product datasheet for **TA356498**

PCDH1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC, WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PCDH1
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish Homology: Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 92%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	111kDa
Gene Name:	protocadherin 1
Database Link:	NP_002578 Entrez Gene 5097 Human Q08174



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Background:

PCDH1 belongs to the protocadherin subfamily within the cadherin superfamily. It is a membrane protein found at cell-cell boundaries. It is involved in neural cell adhesion, suggesting a possible role in neuronal development. The protein includes an extracellular region, containing 7 cadherin-like domains, a transmembrane region and a C-terminal cytoplasmic region. Cells expressing the protein showed cell aggregation activity. This gene belongs to the protocadherin subfamily within the cadherin superfamily. The encoded protein is a membrane protein found at cell-cell boundaries. It is involved in neural cell adhesion, suggesting a possible role in neuronal development. The protein includes an extracellular region, containing 7 cadherin-like domains, a transmembrane region and a C-terminal cytoplasmic region. Cells expressing the protein showed cell aggregation activity. Alternative splicing occurs in this gene.

Synonyms:

FLJ53887; MGC45991; PC42; PCDH42; Protocadherin-42

Protein Families:

Transcription Factors, Transmembrane

Product images:

WB Suggested Anti-PCDH1 Antibody Titration:
0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: MCF7 cell lysate



PCDH1 antibody - N-terminal region (TA356498) validated by WB using bronchial epithelial cell line (16HBE)

Application data in forum