

Product datasheet for TA356498

PCDH1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ICC, WB Reactivity: Human Rabbit Host:

Clonality: Polyclonal

The immunogen is a synthetic peptide directed towards the N terminal region of human Immunogen:

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.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Affinity Purified Purification: 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



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



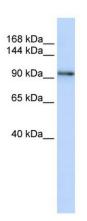
Background:

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 extracelllular 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 extracelllular 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:



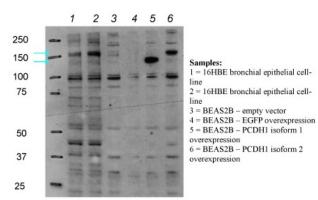
WB Suggested Anti-PCDH1 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: MCF7 cell lysate





Application data in forum

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