

Datasheet for ABIN2178736

**anti-PCDH10 antibody (AA 21-120) (Cy5.5)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | PCDH10                                                                                                                         |
| Binding Specificity: | AA 21-120                                                                                                                      |
| Reactivity:          | Rat                                                                                                                            |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This PCDH10 antibody is conjugated to Cy5.5                                                                                    |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PCDH10 |
| Isotype:              | IgG                                                        |
| Cross-Reactivity:     | Rat                                                        |
| Predicted Reactivity: | Human,Cow,Sheep,Pig                                        |
| Purification:         | Purified by Protein A.                                     |

## Target Details

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Target:           | PCDH10                                               |
| Alternative Name: | Protocadherin 10 ( <a href="#">PCDH10 Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: PCDH19, OL-PCDH, Protocadherin-1, PCDH1, KIAA14</p> <p>Background: Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters, designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. PCDH10 (protocadherin 10), also known as PCDH19 or OL-PCDH, is a 1,040 amino acid single-pass type I membrane protein that contains six cadherin domains and one transmembrane domain. Expressed at moderate levels in brain, ovary and testis and present at lower levels in all other tissues, PCDH10 functions as a calcium-dependent cell-adhesion protein that may function as a tumor suppressor. When underexpressed, PCDH10 is associated with the progression of various carcinomas, including gastric cancer.</p> |
| Gene ID:    | 57575                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt:    | <a href="#">Q9P2E7</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Application Details

|                    |                                                                             |
|--------------------|-----------------------------------------------------------------------------|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions:      | For Research Use only                                                       |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |