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Datasheet for ABIN5009293  
**anti-PCDH10 antibody (AA 21-120) (Alexa Fluor 750)**

### Overview

Quantity:	100 µL
Target:	PCDH10
Binding Specificity:	AA 21-120
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH10 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

### 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

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**Background:** Synonyms: PCDH19, OL-PCDH, Protocadherin-1, PCDH1, KIAA14

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.

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**Gene ID:** 57575

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**UniProt:** [Q9P2E7](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months