

Datasheet for ABIN2178728
anti-PCDH10 antibody (AA 21-120)[Go to Product page](#)

1 Publication

Overview

Quantity:	100 µL
Target:	PCDH10
Binding Specificity:	AA 21-120
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

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
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Target Details

Alternative Name:	Protocadherin 10 (PCDH10 Products)
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:	Q9P2E7

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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.

Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Deng, Liang, Ying, Dong, Zhang, Yu, Fan, Hao: "Clinical significance of the methylated cytosine-phosphate-guanine sites of protocadherin-10 promoter for evaluating the prognosis of gastric cancer." in: **Journal of the American College of Surgeons**, Vol. 219, Issue 5, pp. 904-13, (2014) ([PubMed](#)).