

Datasheet for ABIN6145297
anti-PCDHA12 antibody (AA 713-792)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	PCDHA12
Binding Specificity:	AA 713-792
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHA12 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 713-792 of human PCDHA12 (NP_114070.1).
Sequence:	LTLLLYTALR CSAPPTVSRG APGKPTLVCS SAVGWSYSQ QRRQVCSAE SPPKTDLMAF SPSLQLSRED CLNPPSEVSY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	PCDHA12
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Target Details

Alternative Name:	PCDHA12 (PCDHA12 Products)
Background:	<p>This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined.,PCDHA12,PCDH-ALPHA12,Cancer,Invasion and Metastasis,Signal Transduction,Cell Biology & Developmental Biology,Cell Cycle,Centrosome,Cell Adhesion,Cadherins,Cytoskeleton,Neuroscience,Calcium Signaling,PCDHA12</p>
Molecular Weight:	85 kDa/101 kDa
Gene ID:	56137
UniProt:	Q9UN75

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

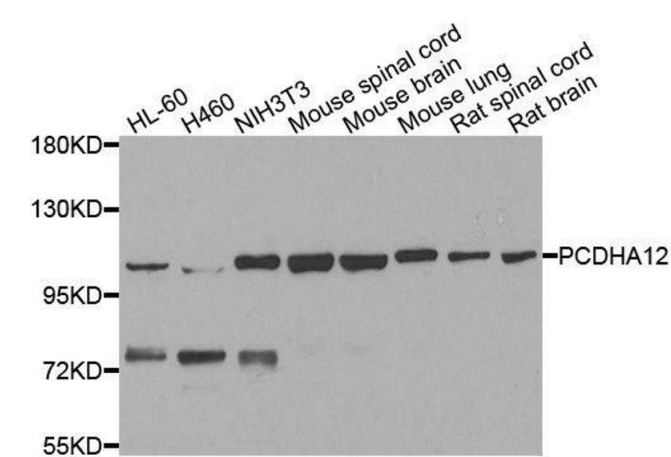
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

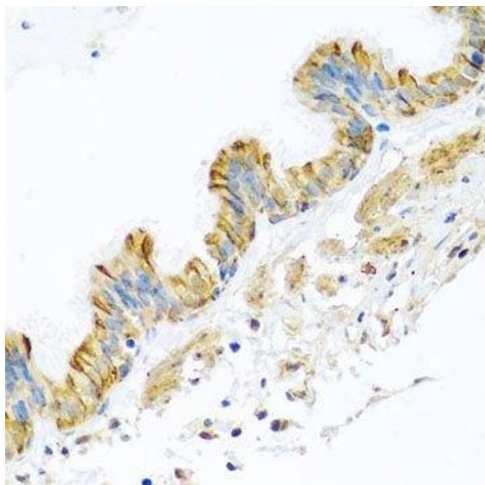
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



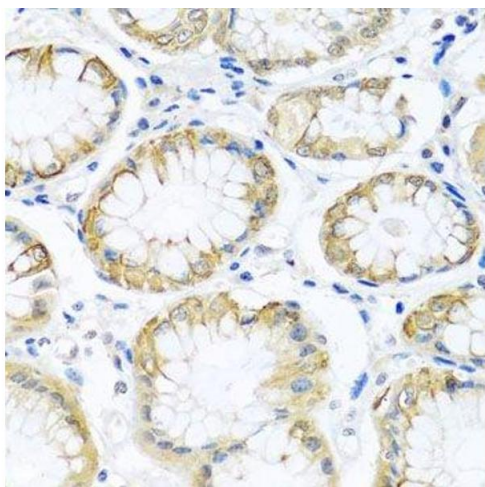
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PCDHA12 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded human trachea using PCDHA12 antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human stomach using PCDHA12 antibody.