

Datasheet for ABIN2783720
anti-PCDHA11 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PCDHA11
Binding Specificity:	N-Term
Reactivity:	Human, Cow, Guinea Pig, Horse, Mouse, Pig, Rabbit, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHA11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	RLSKNEYFSL DSPTNGKQIK RLSLILKKSL DREKTPELNL LLTATDGGKP
Predicted Reactivity:	Cow: 93%, Guinea Pig: 77%, Horse: 92%, Human: 100%, Mouse: 93%, Pig: 85%, Rabbit: 86%, Rat: 91%
Characteristics:	This is a rabbit polyclonal antibody against PCDHA11. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PCDHA11
Alternative Name:	PCDHA11 (PCDHA11 Products)
Background:	This gene is a member of the protocadherin alpha gene cluster, one of three related gene

Target Details

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.

Alias Symbols: CNR7, CNRN7, CNRS7, CRNR7, PCDH-ALPHA11

Protein Interaction Partner: UBC,

Protein Size: 810

Molecular Weight:	85 kDa
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Gene ID:	56138
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NCBI Accession:	NM_031861 , NP_114067
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Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 810 AA
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	Lot specific
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Images

