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# Datasheet for ABIN2783720 anti-PCDHA11 antibody (N-Term)

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	

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	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
Gene ID:	56138
NCBI Accession:	NM_031861, NP_114067

## Application Details

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

## Handling

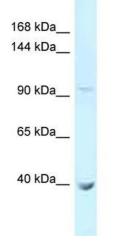
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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

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Handling 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



Rabbit Anti-PCDHA11 Antibody Catalog Number: ARP49346 Lot Number: QC21678 Lane: 721\_B Cell Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 6-18%

#### Western Blotting

Image 1. WB Suggested Anti-PCDHA11 Antibody Titration:1.0 ug/ml Positive Control: 721\_B Whole Cell