

Datasheet for ABIN2783743  
**anti-PCDH18 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	PCDH18
Binding Specificity:	N-Term
Reactivity:	Mouse, Human, Rat, Guinea Pig, Horse, Rabbit, Cow, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDH18 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PCDH18
Sequence:	MHQMNAKMHF RFV FALLIVS FNHDVLGKNL KYRIYEEQRV GSVIARLSED
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 79%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PCDH18. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	PCDH18
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## Target Details

Alternative Name:	PCDH18 ( <a href="#">PCDH18 Products</a> )
Background:	<p>This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain.</p> <p>Alias Symbols: DKFZP434B0923, KIAA1562, PCDH68L</p> <p>Protein Interaction Partner: DAB1,</p> <p>Protein Size: 1135</p>
Molecular Weight:	123 kDa
Gene ID:	54510
NCBI Accession:	<a href="#">NM_019035</a> , <a href="#">NP_061908</a>
UniProt:	<a href="#">Q9HCL0</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1135 AA
Restrictions:	For Research Use only

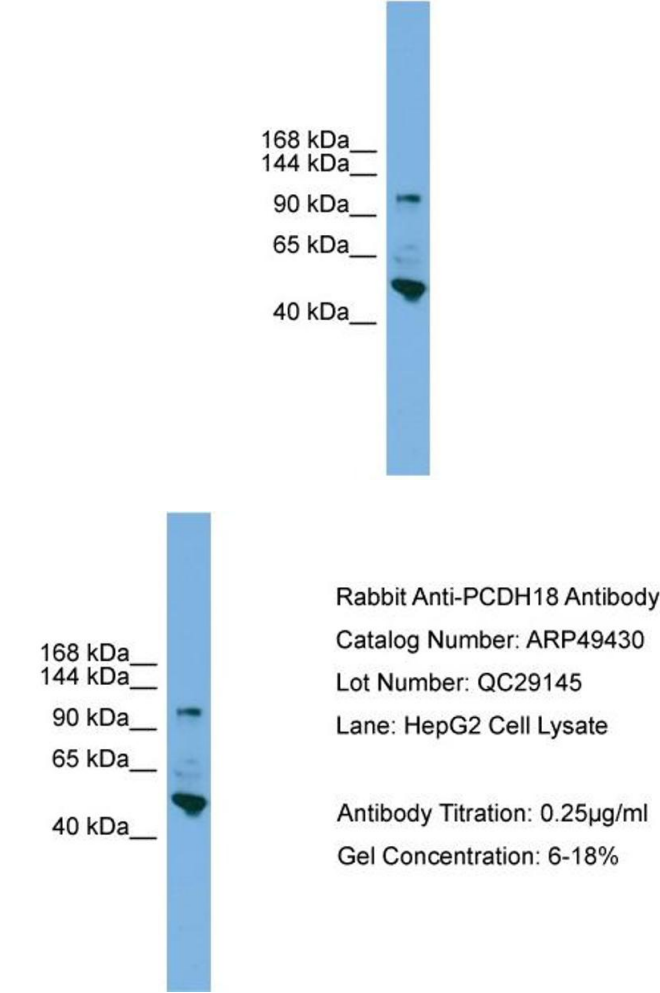
## Handling

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

Handling

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



Western Blotting

**Image 1.** WB Suggested Anti-PCDH18 Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2  
cell lysate

Western Blotting

**Image 2.** WB Suggested Anti-PCDH18  
Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500  
Positive Control: HepG2 cell lysate