

Datasheet for ABIN634737  
**anti-PCDHA4 antibody (C-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	PCDHA4
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHA4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	PCDHA4 antibody was raised using the C terminal of PCDHA4 corresponding to a region with amino acids SGYNAWLSYELQPETASASIPFRVGLYTGESTTRALDETDAPRQRLVL
Specificity:	PCDHA4 antibody was raised against the C terminal of PCDHA4
Purification:	Affinity purified

## Target Details

Target:	PCDHA4
Alternative Name:	PCDHA4 ( <a href="#">PCDHA4 Products</a> )
Background:	The gene encoding PCDHA4 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

## Target Details

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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. PCDHA4 is a single-pass type I membrane protein. It contains 6 cadherin domains. PCDHA4 is a potential calcium-dependent cell-adhesion protein. It may be involved in the establishment and maintenance of specific neuronal connections in the brain.

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Molecular Weight: 99 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

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Comment: PCDHA4 Blocking Peptide, catalog no. 33R-8505, is also available for use as a blocking control in assays to test for specificity of this PCDHA4 antibody

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PCDHA4 antibody in PBS

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Concentration: Lot specific

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Buffer: PBS

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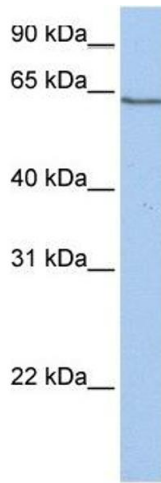
Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

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Storage: 4 °C/-20 °C

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Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** PCDHA4 antibody used at 1 ug/ml to detect target protein.