

Datasheet for ABIN954037  
**anti-PCDHA9 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	PCDHA9
Binding Specificity:	AA 233-26, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHA9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Synthetic peptide - KLH conjugated - corresponding to the N-terminal region (between 233-26aa) of human PCDHA9.
Isotype:	Ig Fraction
Specificity:	This antibody detects human PCDHA9 at N-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Purified through a protein A column; followed by peptide affinity purification.

## Target Details

Target:	PCDHA9
Alternative Name:	PCDHA9 ( <a href="#">PCDHA9 Products</a> )

## Target Details

Background:	<p>The PCDHA9 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. Synonyms: KIAA0345, PCDH-alpha-9, Protocadherin alpha-9</p>
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Gene ID:	9752
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NCBI Accession:	<a href="#">NP_054724</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	0.25 mg/mL
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Buffer:	PBS with 0.09 % (W/V) Sodium Azide.
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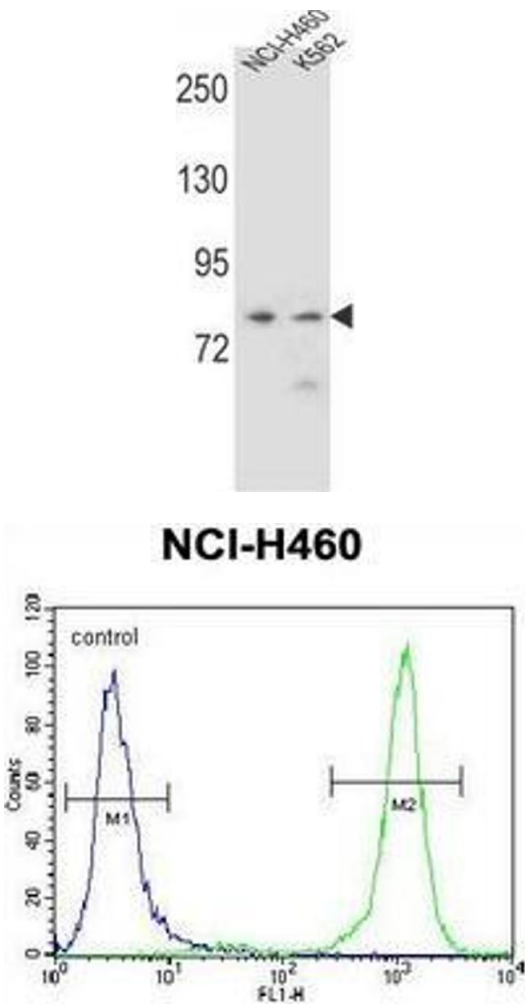
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freezing and thawing.
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Storage:	4 °C/-20 °C
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Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
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Western Blotting

**Image 1.** Western blot analysis in NCI-H460,K562 cell line lysates (35ug/lane) using PCDHA9 Antibody (N-term). This demonstrates the PCDHA9 antibody detected the PCDHA9 protein (arrow).

Flow Cytometry

**Image 2.** Flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram) using PCDHA9 Antibody (N-term), followed by FITC-conjugated goat-anti-rabbit secondary antibodies.