

Datasheet for ABIN656099

anti-PCDHA9 antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	PCDHA9
Binding Specificity:	AA 226-253, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHA9 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This PCDHA9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 226-253 amino acids from the N-terminal region of human PCDHA9.
Clone:	RB31997
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCDHA9
Alternative Name:	PCDHA9 (PCDHA9 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.

Molecular Weight: 102402

Gene ID: 9752

NCBI Accession: [NP_054724](#), [NP_114063](#)

UniProt: [Q9Y5H5](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

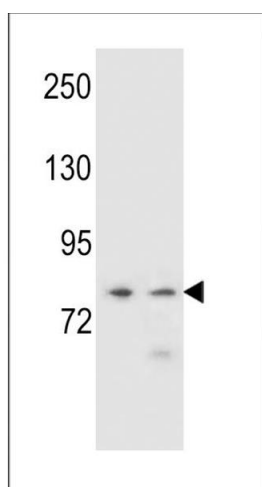
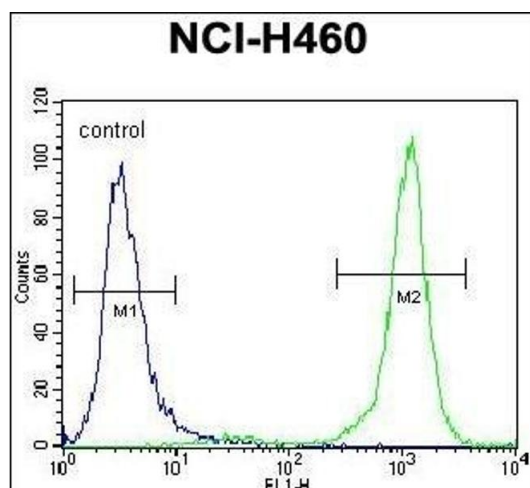
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. PCDHA9 Antibody (N-term) (ABIN656099 and ABIN2845442) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. PCDHA9 Antibody (N-term) (ABIN656099 and ABIN2845442) western blot analysis in NCI-K562 cell line lysates (35 μ g/lane). This demonstrates the PCDHA9 antibody detected the PCDHA9 protein (arrow).