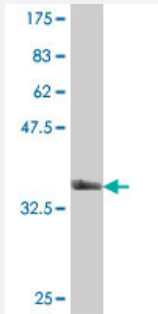


# PCDHA9 polyclonal antibody (A01)

Catalog # H00009752-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (36.89 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant PCDHA9.
<b>Immunogen</b>	PCDHA9 (NP_114063, 284 a.a. ~ 381 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	DVSPDIKSKFHMDPLSGAIVIGHMDFEESRAHKIPVEAVDKGFPPLAGHCTLLVEVVDVNDNAP QLTIKTLSPVKEDAQLGTVIALISVIDLDADA
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (78); Rat (75)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.89 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — PCDHA9

Entrez GeneID [9752](#)

GeneBank Accession# [NM\\_031857](#)

Protein Accession# [NP\\_114063](#)

Gene Name PCDHA9

Gene Alias KIAA0345, PCDH-ALPHA9

Gene Description protocadherin alpha 9

Omim ID [606315](#)

Gene Ontology [Hyperlink](#)

### Gene Summary

This 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. [provided by RefSeq]

Other Designations KIAA0345-like 5