

## PCDH21 rabbit monoclonal antibody

Catalog # H00092211-K      Size 100 ug x up to 3

### Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human PCDH21 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human PCDH21 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human PCDH21 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — PCDH21

Entrez GeneID	<a href="#">92211</a>
GeneBank Accession#	<a href="#">PCDH21</a>
Gene Name	PCDH21
Gene Alias	DKFZp434A132, KIAA1775, PRCAD
Gene Description	protocadherin 21
Omim ID	<a href="#">609502</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene is a member of the cadherin superfamily of calcium-dependent cell-cell adhesion molecules. The encoded protein has a signal peptide, six cadherin repeat domains and a unique cytoplasmic region. This non-classical cadherin appears to be exclusively expressed in the mitral and tufted cells in the main and accessory olfactory bulbs of the brain, suggesting a possible role in the formation and maintenance of neuronal networks. [provided by RefSeq]</p>
Other Designations	MT-protocadherin OTTHUMP00000019993

## Disease

- [Alzheimer Disease](#)
- [Blindness](#)
- [Genetic Predisposition to Disease](#)
- [Retinal Degeneration](#)
- [Retinitis Pigmentosa](#)
- [Usher Syndromes](#)