



Rabbit Anti-PCDHGC5 antibody

SL11161R

Product Name:	PCDHGC5
Chinese Name:	原钙粘蛋白 γ C5抗体
Alias:	PCDH-gamma-C5; Protocadherin gamma C5; protocadherin gamma subfamily C, 5; MGC138286; MGC138288; PCDGM_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	99kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PCDHGC5:121-220/944<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	PCDHGC5 (protocadherin gamma-C5) is a 944 amino acid single-pass type I membrane protein that contains six cadherin domains and exists as two alternatively spliced isoforms. As a potential calcium-dependent cell-adhesion protein, PCDHGC5 may be involved in the establishment and maintenance of specific neuronal connections in the brain. The gene that encodes PCDHGC5 consists of approximately 23,739 bases

and maps to human chromosome 5q31.3.

Function:

Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein

Similarity:

Contains 6 cadherin domains.

SWISS:

Q9Y5F6

Gene ID:

56097

Database links:

[Entrez Gene: 56097](#)Human

[Entrez Gene: 93708](#)Mouse

[Entrez Gene: 641525](#)Rat

[Omim: 606306](#)Human

[SwissProt: Q9Y5F6](#)Human

[Unigene: 368160](#)Human

[Unigene: 247203](#)Mouse

[Unigene: 8628](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.