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Rabbit Anti-PCDH17 antibody

SL11110R

Product Name:	PCDH17
Chinese Name:	原钙粘附蛋白17抗体
Alias:	PCDH68; C030033F14Rik; Gm78; PCD17_HUMAN; PCDH17; PCDH-17; PCDH 17; PCH68; Protocadherin 17; Protocadherin 68; Protocadherin-17; Protocadherin-68.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	124kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PCDH17:31-130/1159<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:	Protocadherins are a large family of cadherin-like cell adhesion proteins that are involved in the establishment and maintenance of neuronal connections in the brain. There are three protocadherin gene clusters, designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. PCDH17 is a 1,159 amino acid single-pass type I membrane protein that contains six cadherin domains. Expressed as multiple alternatively spliced isoforms, PCDH17 is thought to function as a calcium-dependent

	cell adhesion protein that may play a role in establishing cell-cell connections within brain tissue. The gene encoding PCDH17 maps to human chromosome 13, which houses over 400 genes, such as BRCA2 and RB1, and comprises nearly 4% of the human genome. **Function:** Potential calcium-dependent cell-adhesion protein. **Subcellular Location:** Cell membrane. **Similarity:** Contains 6 cadherin domains. **SWISS:** O14917 **Gene ID:** 27253 **Database links:** Entrez Gene: 27253Human Omim: 611760Human SwissProt: O14917Human Unigene: 106511Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.