



Rabbit Anti-PCDH19 antibody

SL19911R

Product Name:	PCDH19
Chinese Name:	原钙粘附蛋白19抗体
Alias:	KIAA1313; PCD19_HUMAN; PCDH19; Protocadherin 19; Protocadherin-19.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=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 PCDH19:151-250/1148<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:	The protein encoded by this gene is a member of the delta-2 protocadherin subclass of the cadherin superfamily. The encoded protein is thought to be a calcium-dependent cell-adhesion protein that is primarily expressed in the brain. Defects in this gene are a cause of epilepsy female-restricted with mental retardation (EFMR). Three transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2010]

Function:

Potential calcium-dependent cell-adhesion protein.

Subcellular Location:

Cell membrane.

Tissue Specificity:

Moderately expressed in all regions of the brain examined, with lowest levels found in the cerebellum. Moderate expression is also found in ovary, and low expression in all other tissues tested. Also detected in primary skin fibroblast.

DISEASE:

Epileptic encephalopathy, early infantile, 9

Similarity:

Contains 6 cadherin domains.

SWISS:

Q8TAB3

Gene ID:

57526

Database links:

[Entrez Gene: 57526](#) Human

[Entrez Gene: 101125719](#) Gorilla

[Entrez Gene: 100059478](#) Horse

[Entrez Gene: 279653](#) Mouse

[Omid: 300460](#) Human

[SwissProt: Q8TAB3](#) Human

[SwissProt: Q80TF3](#) Mouse

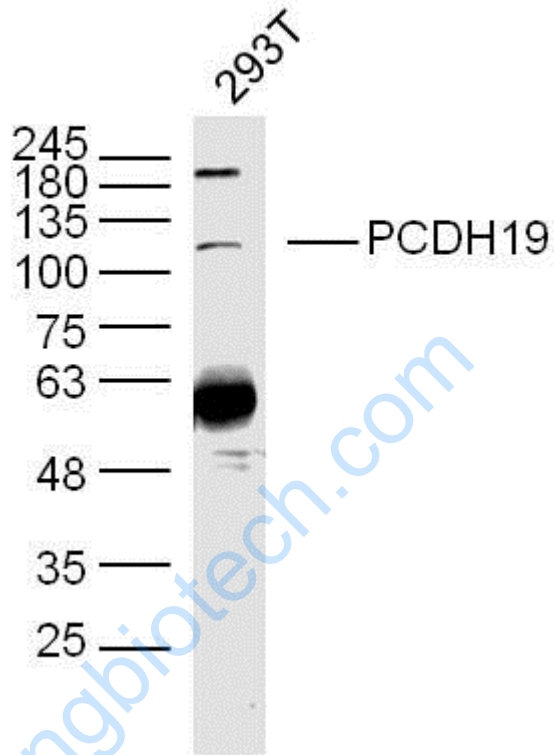
[Unigene: 4993](#) Human

[Unigene: 39738](#) Mouse

Important Note:

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

Picture:



Sample:

293T Cell (Human) Lysate at 30 ug

Primary: Anti- PCDH19 (SL19911R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 124 kD

Observed band size: 124 kD