



Rabbit Anti-PCDHAC2 antibody

SL23054R

Product Name:	PCDHAC2
Chinese Name:	原钙粘蛋白介导的PCDH α C2受体抗体
Alias:	PCDH alpha C2; PCDHAC 2; PCDHAC-2; Protocadherin alpha C2; Protocadherin alpha subfamily C 2; PCDC2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
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:	105kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PCDHAC2:201-300/1007<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:	PCDHAC2 (Protocadherin alpha C2) is a member of the protocadherin family, a subgroup of the cadherin superfamily. Protocadherins are neural cadherin-like cell adhesion proteins that are integral membrane proteins. Their specific functions are unknown but they most likely play a critical role in the establishment and function of specific neuronal connections in the brain. PCDHAC2 is one of fifteen tandemly

arranged genes within the alpha cluster of protocadherin genes on 5q31.

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:

Q9Y5I4

Gene ID:

56134

Database links:

[Entrez Gene: 56134](#)Human

[Entrez Gene: 353237](#)Mouse

[Entrez Gene: 393092](#)Rat

[Omir: 606321](#)Human

[SwissProt: Q9Y5I4](#)Human

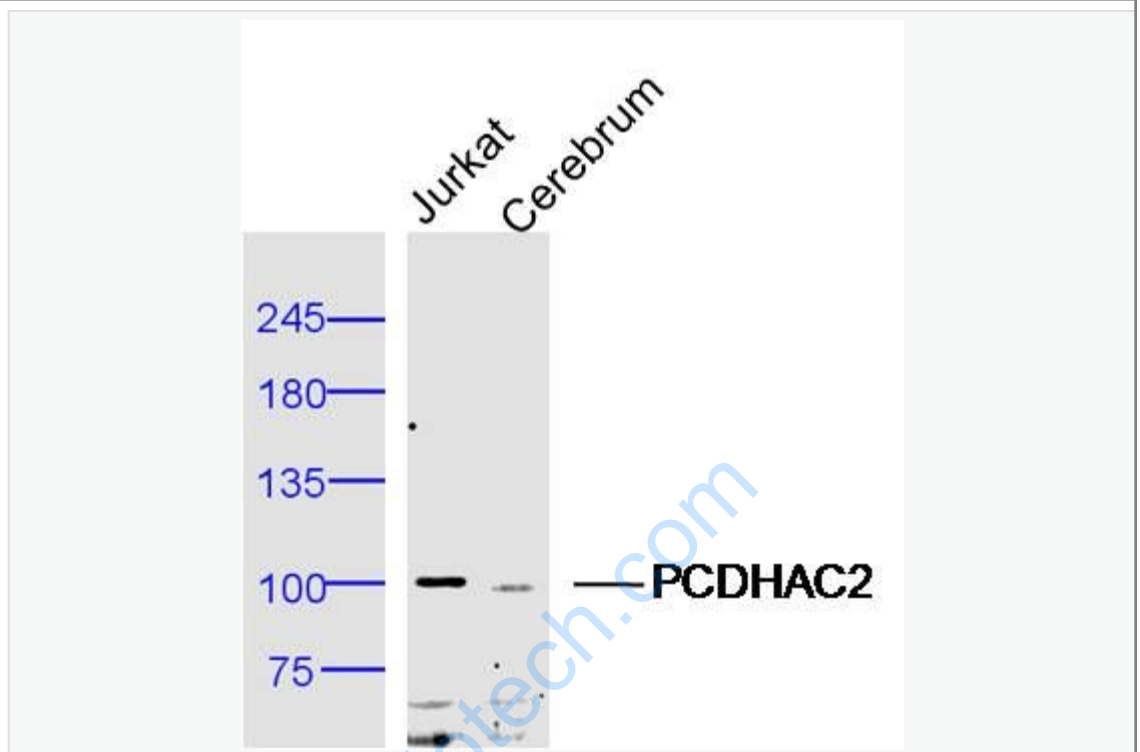
[Unigene: 199343](#)Human

[Unigene: 308500](#)Mouse

Important Note:

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

Picture:



Sample:

Jurkat Cell (Human) Lysate at 40 ug

Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-PCDHAC2 (SL23054R) at 1/300 dilution

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

Predicted band size: 105 kD

Observed band size: 102 kD