SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-PCDHAC2 antibody

Catalog Number: SL23054R

FOR RESEARCH USE ONLY

[DATASHEET]

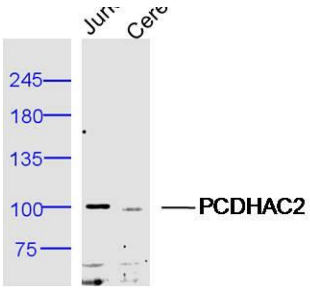
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	PCDHAC2
Immunogen:	KLH conjugated synthetic peptide derived from human PCDHAC2: 201-300/1007 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse(predicted:Rat,Cow)
Predicted MW.:	105kDa
Subcellular Location:	The cell membrane
Background:	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. **Database links:** **Entrez Gene:** 56134 Human

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

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	Entrez Gene: 353237 Mouse **Entrez Gene:** 393092 Rat Omim: 606321 Human **SwissProt:** Q9Y5I4 Human **Unigene:** 199343 Human **Unigene:** 308500 Mouse

[VALIDATION IMAGES]



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

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