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PCDHAC2 Rabbit pAb

Catalog # AP96847

Product Information

Application	WB
Primary Accession	Q9Y5I4
Other Accession	Q9Y5I4
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	109450
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PCDHAC2
Epitope Specificity	201-300/1007
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 6 cadherin domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	56134
Other Names	PCDH-ALPHA-C2; CNRc2; rCNRvc2; PCDC2_HUMAN; PCDHAC2; protocadherin alpha subfamily C, 2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	PCDHAC2

Function	Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.
Cellular Location	Cell membrane; Single-pass type I membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.