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PCDHA2 Rabbit pAb

Catalog # AP96465

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Predicted	Rat, Pig, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	100 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PCDHA2
Epitope Specificity	1-100/948
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	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. PCDHA2 (protocadherin alpha 2) is a 948 amino acid single-pass type I membrane protein that contains six cadherin domains and functions as a potential calcium-dependent cell-adhesion protein, possibly playing a role in the creation and maintenance of neuronal connections. Mltiple isoforms of PCDHA2 exist due to alternative splicing events.

Additional Information

Gene ID	56146
Other Names	PCDA2_HUMAN; PCDHA2; PCDH-alpha-2; PCDA2_PANTR; PCDH-ALPHA2; rCNRv02; protocadherin alpha 2; KIAA0345-like 12
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.
Name	PCDHA2 Rabbit pAb
Function	Contains 6 cadherin domains and three named isoforms. Potential calcium dependent cell adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain.

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