

PCDHA11 Rabbit pAb

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Catalog # AP54389

Product Information

Application	WB
Primary Accession	Q9Y511
Reactivity	Rat
Predicted	Human, Mouse, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	103298
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PCDHA11
Epitope Specificity	351-450/949
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cell membrane; Single-pass type I membrane protein (By similarity).
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 (PCDH) gene clusters, designated alpha, beta and gamma, all of which contain multiple tandemly arranged genes. The protein products of PCDH-alpha genes interact with Integrin β 1 to promote cell adhesion and form oligomers with PCDH-gamma proteins at specific membrane sites. PCDHA11 is a 949 amino acid single-pass transmembrane 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. There are two isoforms of PCDHA11 that are produced as a result of alternative splicing events.

Additional Information

Gene ID	56138
Other Names	Protocadherin alpha-11, PCDH-alpha-11, PCDHA11, CNRS7
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.

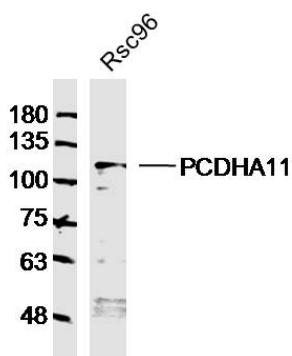
Protein Information

Name	PCDHA11
Synonyms	CNRS7
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

Background

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Images



Sample: Rsc96 Cell (Rat) Cell Lysate at 40 ug
Primary: Anti-PCDHA11 (AP54389) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 100kD
Observed band size: 110kD

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