

PCDAD Rabbit Polyclonal Antibody

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Catalog # AP93419

Product Information

| | |
|-------------------|-------------------------|
| Application | WB |
| Primary Accession | Q9Y5I0 |
| Reactivity | Rat, Human, Mouse |
| Host | Polyclonal, Rabbit, IgG |
| Clonality | Polyclonal |
| Calculated MW | 102483 |

Additional Information

| | |
|--------------------|---|
| Gene ID | 56136 |
| Other Names | Protocadherin alpha-13, PCDH-alpha-13, PCDHA13, CNRS5 |
| Dilution | WB~~1:1000 |
| Storage Conditions | -20°C |

Protein Information

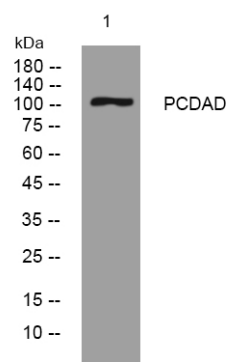
| | |
|-------------------|--|
| Name | PCDHA13 |
| Synonyms | CNRS5 |
| Function | Potential calcium-dependent cell-adhesion protein. May be involved in the establishment and maintenance of specific neuronal connections in the brain. |
| Cellular Location | Cell membrane; Single-pass type I membrane protein |

Background

This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet

to be determined. [provided by RefSeq, Jul 2008],

Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4°over night

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