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Datasheet for ABIN6571167
anti-PCDHa13 antibody

1 Image

Overview

Quantity:	200 µL
Target:	PCDHa13
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCDHa13 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein of human PCDHA13
Isotype:	IgG
Purification:	Affinity purification

Target Details

Target:	PCDHa13
Alternative Name:	PCDHA13 (PCDHa13 Products)
Background:	<p>Synonyms: Protocadherin Alpha 13,Ortholog Of Mouse CNR5,KIAA0345-Like 1,PCDH-Alpha-13,CNRS5,Protocadherin Alpha-13,PCDH-ALPHA13,CNRN5,CRNR5,CNR5</p> <p>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</p>

Target Details

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.

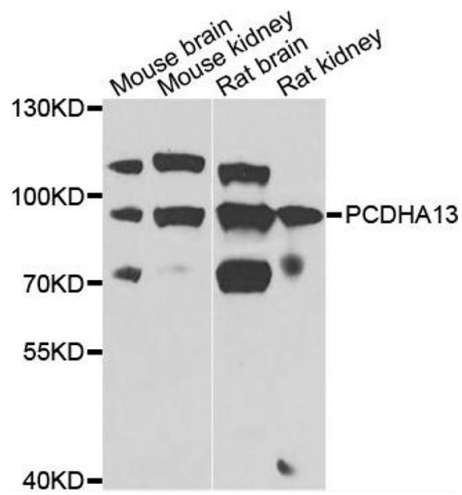
Molecular Weight:	Observed_MW: 90kDa Calculated_MW: 87kDa/102kDa
Gene ID:	56136
UniProt:	Q9Y510

Application Details

Application Notes:	WB 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using PCDHA13 antibody.