

PCDHAC1 Polyclonal antibody

Catalog Number: 24314-1-AP

Basic Information

Catalog Number: 24314-1-AP	GenBank Accession Number: BC136774	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 250 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56135	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: protocadherin alpha subfamily C, 1	
Isotype: IgG	Calculated MW: 818 aa, 88 kDa	
Immunogen Catalog Number: AG19431	Observed MW: ~110 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, K-562 cells, SK-N-SH cells, SH-SY5Y cells, mouse brain tissue
Species Specificity: human, mouse	

Background Information

Protocadherins, which constitute the largest subgroup within the cadherin superfamily, are predominantly expressed in the nervous system and are probably involved in the regulation of neuronal recognition and connectivity (PMID: 17936607; 12231349; 17133224). The protocadherin subfamily can be further subdivided into three groups: the clustered protocadherins, comprising α -, β - and γ -protocadherins; δ -protocadherins; and others, many of which are solitary (PMID: 17133224). PCDHAC1 belongs to the α -protocadherin (PCDHA) cluster. The differential expression of PCDHAC1 may be related to the influence of maternal cadmium on fetal growth (PMID: 27544570).

Storage

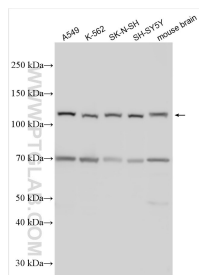
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24314-1-AP (PCDHAC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.