

PCDHAC1 Polyclonal antibody

Catalog Number: 24314-1-AP

Basic Information

Catalog Number:

24314-1-AP

Size:

250 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19431

GenBank Accession Number:

BC136774

GeneID (NCBI):

56135

UNIPROT ID:

Q9H158

Full Name:

protocadherin alpha subfamily C, 1

Calculated MW:

818 aa, 88 kDa

Observed MW:

~110 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : A549 cells, K-562 cells, SK-N-SH cells, SH-SY5Y cells, mouse brain tissue

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:

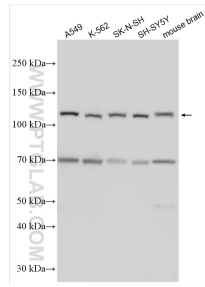
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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.