

PCDHA2 Polyclonal Antibody

Catalog number: 10127-2-AP

Size: 37 µg/150 µl

Source: Rabbit

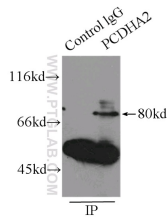
Isotype: IgG

Synonyms:

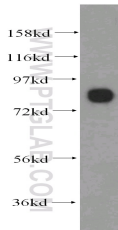
PCDHA2; PCDH alpha 2, PCDH

ALPHA2, PCDHA2,

protocadherin alpha 2



IP Result of anti-PCDHA2 (IP:10127-2-AP, 3µg; Detection:10127-2-AP 1:300) with HeLa cells lysate 4650ug.



human brain tissue were subjected to SDS PAGE followed by western blot with 10127-2-AP(PCDHA2 antibody) at dilution of 1:800

Background

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). PCDHA2 (protocadherin alpha 2) is a single-pass type I membrane protein containing 6 cadherin domains. It may be involved in the establishment and maintenance of specific neuronal connections in the brain.

Applications

Tested applications:	ELISA, WB, IP
Species specificity:	Human; other species not tested.
Calculated PCDHA2 MW:	102 kDa
Observed PCDHA2 MW:	80 kDa
Positive WB detected in	Human brain tissue, HeLa cells, human heart tissue, Raji cells
Positive IP detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:1000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0173
GenBank accession number:	BC003126
Gene ID (NCBI):	56146
Full name:	Protocadherin alpha 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.