

For Research Use Only

PCDHB10 Polyclonal antibody

Catalog Number: 14785-1-AP



Basic Information

Catalog Number: 14785-1-AP	GenBank Accession Number: BC031837	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 ug/ml by Nanodrop and 313 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56126	Recommended Dilutions: IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: Q9UN67	
Isotype: IgG	Full Name: protocadherin beta 10	
Immunogen Catalog Number: AG6427	Calculated MW: 88 kDa	

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human pancreas cancer tissue, human gliomas 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). PCDHB10 belongs to the β -protocadherin (PCDHB) cluster. PCDHB cluster acts as a DNA methylation marker of aggressiveness in neuroblastoma (PMID: 26103900).

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

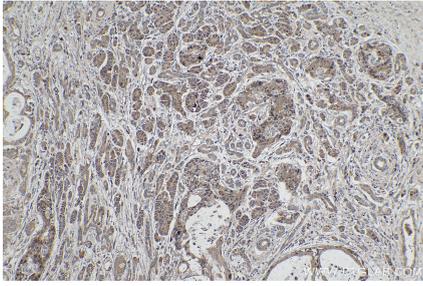
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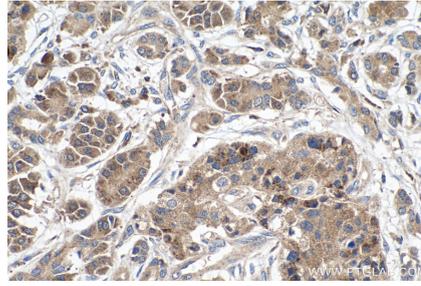
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 14785-1-AP (PCDHB10 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 14785-1-AP (PCDHB10 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).