

For Research Use Only

PCDHGC5 Polyclonal antibody

Catalog Number: 23848-1-AP



Basic Information

Catalog Number: 23848-1-AP	GenBank Accession Number: BC112081	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 450 ug/ml by Nanodrop;	GeneID (NCBI): 56097	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y5F6	
Isotype: IgG	Full Name: protocadherin gamma subfamily C, 5	
Immunogen Catalog Number: AG20867	Calculated MW: 581aa,65 kDa; 944aa,102 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human lung cancer tissue,
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	

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). Disruption of the γ -protocadherins locus causes neonatal lethality, and Pcdhgc3, Pcdhgc4, and Pcdhgc5 are essential for the observed lethality.

Storage

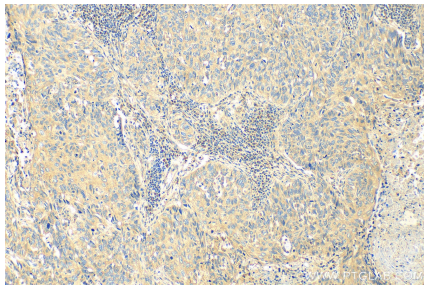
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

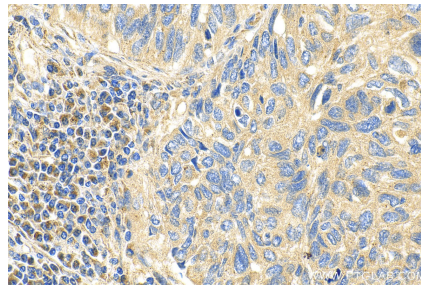
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 23848-1-AP (PCDHGC5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 23848-1-AP (PCDHGC5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).