

For Research Use Only

PCDHGC5 Polyclonal antibody, PBS Only

Catalog Number: 23848-1-PBS



Basic Information

Catalog Number: 23848-1-PBS	GenBank Accession Number: BC112081	Purification Method: Antigen Affinity purified
Size: 1 mg/ml	GeneID (NCBI): 56097	
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, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

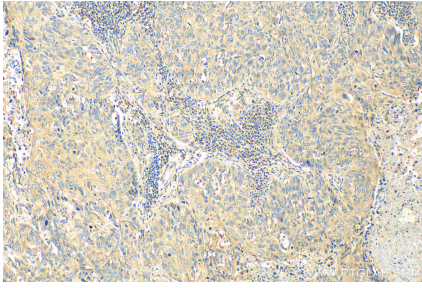
T: 4006900926

E: Proteintech-CN@ptglab.com

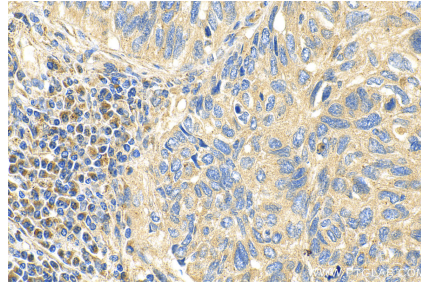
W: ptgcn.com

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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). This data was developed using the same antibody clone with 23848-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 23848-1-PBS in a different storage buffer formulation.