

For Research Use Only

DNAH5 Polyclonal antibody

Catalog Number: 31079-1-AP



Basic Information

Catalog Number: 31079-1-AP	GenBank Accession Number: NM_001369	Purification Method: Antigen affinity Purification
Size: 300 µg/ml	GeneID (NCBI): 1767	Recommended Dilutions: IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8TE73	
Isotype: IgG	Full Name: dynein, axonemal, heavy chain 5	
Immunogen Catalog Number: AG34647	Calculated MW: 529 kDa	

Applications

Tested Applications: IF/ICC, IHC, ELISA	Positive Controls: IHC : human lung tissue, mouse lung tissue IF : HeLa cells,
Species Specificity: Human, mouse	
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

Dynein axonemal heavy chain 5 (DNAH5) is an axonemal heavy chain dynein, part of a microtubule-associated motor protein complex. DNAH5 is a large gene comprising 79 exons and one alternative first exon and encodes a heavy chain of the ODA. We have recently shown that recessive DNAH5 mutations are responsible for PCD characterized by ODA defects. DNAH5 mutations cause PCD and randomization of left-right asymmetry (PMID: 15750039).

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

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

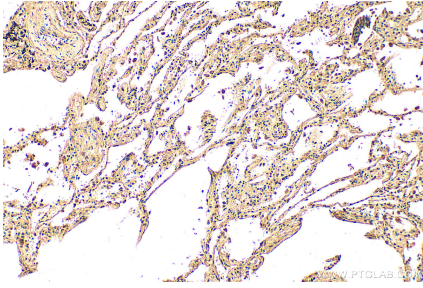
T: 4006900926

E: Proteintech-CN@ptglab.com

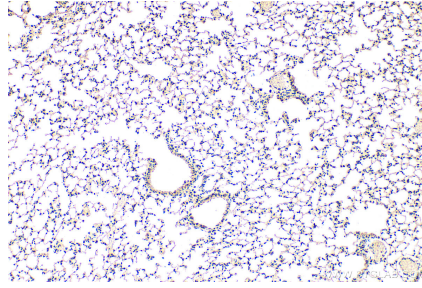
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

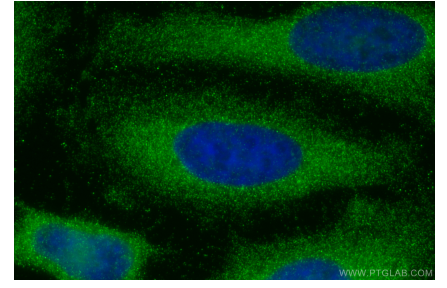
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 31079-1-AP (DNAH5 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 mouse lung tissue slide using 31079-1-AP (DNAH5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using DNAH5 antibody (31079-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).