

For Research Use Only

DNAH5 Polyclonal antibody, PBS Only

Catalog Number: 31079-1-PBS



Basic Information

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| Catalog Number: 31079-1-PBS | GenBank Accession Number: NM_001369 | Purification Method: Antigen affinity Purification |
| Size: 100ug , Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 1767 | |
| 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:
IHC, IF/ICC, Indirect ELISA

Species Specificity:
human, mouse

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 -80°C.

Storage Buffer:
PBS Only

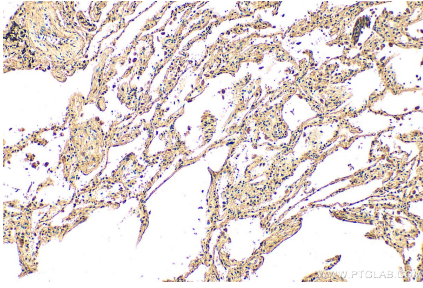
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

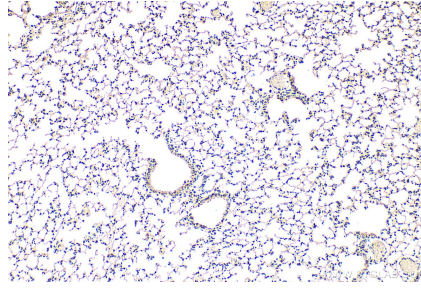
E: proteintech@ptglab.com
W: ptglab.com

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

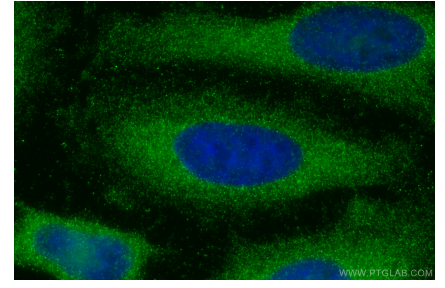
Selected Validation Data



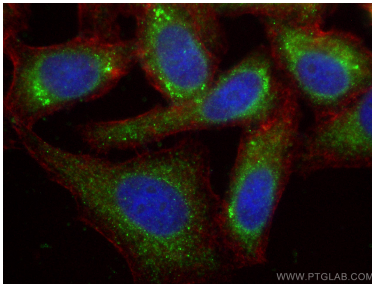
Immunohistochemical analysis of paraffin-embedded human lung tissue slide using 31079-1-AP (DNAH5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 31079-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31079-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 31079-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using DNAH5 antibody (31079-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red). This data was developed using the same antibody clone with 31079-1-PBS in a different storage buffer formulation.