

For Research Use Only

DNAH2 Polyclonal antibody

Catalog Number: 18841-1-AP



Basic Information

Catalog Number: 18841-1-AP	GenBank Accession Number: NM_020877	Purification Method: Antigen affinity purification
Size: 850 µg/ml	GeneID (NCBI): 146754	Recommended Dilutions: IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9P225	
Isotype: IgG	Full Name: dynein, axonemal, heavy chain 2	
	Calculated MW: 508 kDa	

Applications

Tested Applications: IF/ICC, IHC, ELISA	Positive Controls: IHC : human colon tissue, human lung tissue IF : U2OS cells,
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

DNAH2, also named as DNAHC2, DNHD3 and KIAA1503, belongs to the dynein heavy chain family. DNAH2 force generating protein of respiratory cilia and produces force towards the minus ends of microtubules. Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP. DNAH2 involved in sperm motility; implicated in sperm flagellar assembly.

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:

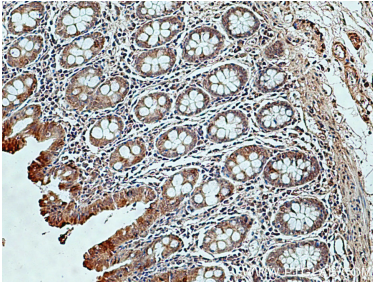
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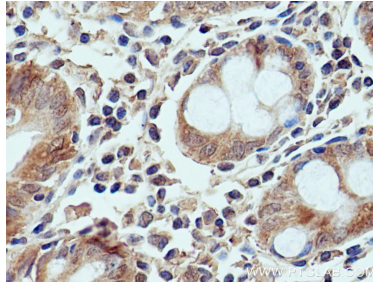
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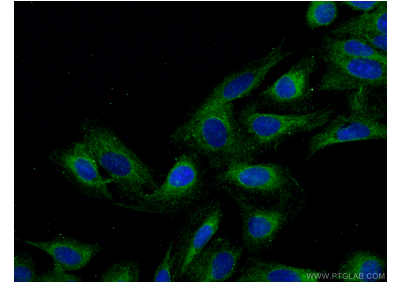
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 18841-1-AP (DNAH2 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 colon tissue slide using 18841-1-AP (DNAH2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using 18841-1-AP (DNAH2 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).