

For Research Use Only

# DNAH11 Polyclonal antibody

Catalog Number: 31281-1-AP



## Basic Information

Catalog Number:	31281-1-AP	GenBank Accession Number:	NM_001277115	Purification Method:	Antigen affinity purification
Size:	150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI):	8701	Recommended Dilutions:	IHC 1:50-1:500
Source:	Rabbit	UNIPROT ID:	Q96DT5		
Isotype:	IgG	Full Name:	dynein, axonemal, heavy chain 11		
Immunogen Catalog Number:	AG34658	Calculated MW:	520 kDa		

## Applications

Tested Applications:	IHC, ELISA	Positive Controls:	IHC : mouse lung tissue,
Species Specificity:	human, mouse		
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>			

## Background Information

DNAH11 (dynein axonemal heavy chain 11) encodes a ciliary outer dynein arm (ODA) protein. Human DNAH11 is important for organ lateralization and likely also for the function of respiratory cilia. DNAH11 mutations are a common cause of PCD with normal ciliary ultrastructure and hyperkinetic ciliary beating (PMID: 26909801).

## Storage

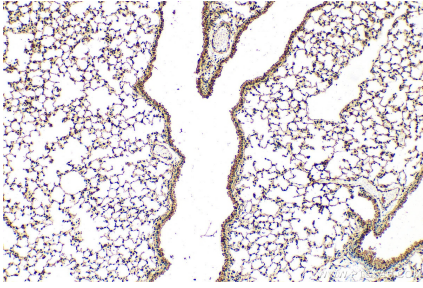
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 mouse lung tissue slide using 31281-1-AP (DNAH11 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).