

For Research Use Only

# DYNC2LI1 Polyclonal antibody

Catalog Number: 15949-1-AP **5 Publications**



## Basic Information

<b>Catalog Number:</b> 15949-1-AP	<b>GenBank Accession Number:</b> BC006969	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 353 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 51626	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>Full Name:</b> dynein, cytoplasmic 2, light intermediate chain 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 352 aa, 40 kDa	
<b>Immunogen Catalog Number:</b> AG8584	<b>Observed MW:</b> 37-40 kDa, 22 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293T cells, L02 cells, mouse brain tissue
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	

## Background Information

DYNC2LI1 (D2LIC, LIC3) is a member of cytoplasmic dynein 2 complex that is required for retrograde transport. It is ubiquitously expressed with high expression levels in brain, kidney, lung and testes. In mammalian cells, DYNC2LI1 is localized to centrosomal region. Mutations in DYNC2LI1 disrupt cilia function and cause various skeletal ciliopathies. There're some isoforms with MW 40 kDa, 38 kDa, 22 kDa and 16 kDa.

## Notable Publications

Author	Pubmed ID	Journal	Application
Laura Vuolo	30320547	Elife	IF
Kristin Kessler	26130459	Sci Rep	IF
Ichikawa Muneyoshi M	21723285	FEBS Lett	WB

## Storage

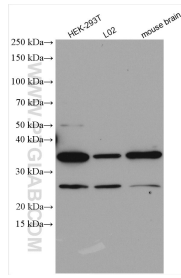
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15949-1-AP (DYNC2L1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.