

For Research Use Only

DYNC2LI1 Polyclonal antibody

Catalog Number: 15949-1-AP

6 Publications



Basic Information

Catalog Number:

15949-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 353 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8584

GenBank Accession Number:

BC006969

GeneID (NCBI):

51626

UNIPROT ID:

Q8TCX1

Full Name:

dynein, cytoplasmic 2, light intermediate chain 1

Calculated MW:

352 aa, 40 kDa

Observed MW:

37-40 kDa, 22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293T cells, L02 cells, mouse brain tissue

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

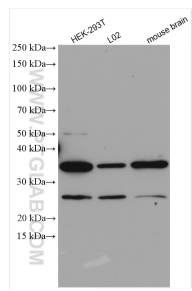
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15949-1-AP (DYNCL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.