For Research Use Only

DYNC1LI2 Polyclonal antibody

Catalog Number:18885-1-AP 3 Publications

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Basic Information

Catalog Number:
18885-1-AP

Size:
150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG13452

GenBank Accession Number:
BC025959

GeneID (NCBI):
1783

UNIPROT ID:
O43237

Full Name:
dynein, cytoplasmic 1, light intermediate chain 2

Calculated MW:
492 aa, 54 kDa

Observed MW:
48-50 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Positive Controls:

WB : mouse testis tissue,

Background Information

Cytoplasmic dynein is a microtubule-associated motor protein. DYNC1LI2 (Cytoplasmic dynein 1 light intermediate chain 2), also known as LIC2, belongs to the dynein light intermediate chain family. DYNC1LI2 acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. It may play a role in binding dynein to membranous organelles or chromosomes. Northern blot analysis of rat tissues detected high expression of DYNC1LI2 in skeletal muscle, testis, heart, lung, and brain, and lower expression in liver, kidney, and spleen (PMID: 7738094).

Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Zhang	35727824	PLoS Genet	WB
Huiling Li	36517592	Nature	WB
Ankur A Gholkar	25830415	Cell Cycle	WB

Storage

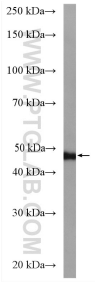
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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

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

Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 18885-1-AP (DYNC1LI2 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.