

For Research Use Only

DYNC1LI2 Polyclonal antibody, PBS Only

Catalog Number: 18885-1-PBS



Basic Information

Catalog Number:

18885-1-PBS

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:

48-55 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

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).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

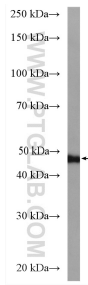
T: 4006900926

E: Proteintech-CN@ptglab.com

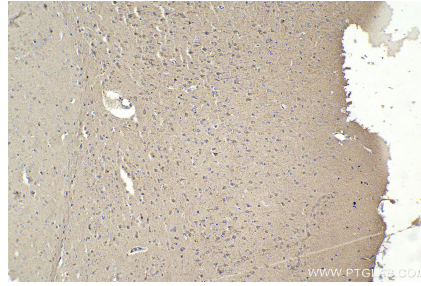
W: ptgcn.com

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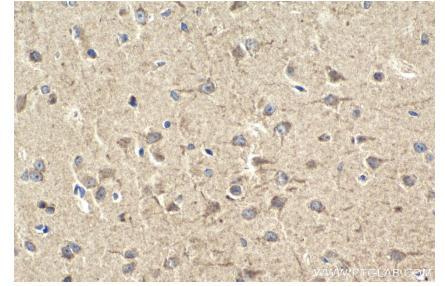
Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 18885-1-AP (DYNC1L12 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 18885-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18885-1-AP (DYNC1L12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18885-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 18885-1-AP (DYNC1L12 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 18885-1-PBS in a different storage buffer formulation.