

For Research Use Only

DYNC1LI2 Polyclonal antibody, PBS Only

Catalog Number: 18885-1-PBS



Basic Information

Catalog Number: 18885-1-PBS	GenBank Accession Number: BC025959	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1783	
Source: Rabbit	UNIPROT ID: O43237	
Isotype: IgG	Full Name: dynein, cytoplasmic 1, light intermediate chain 2	
Immunogen Catalog Number: AG13452	Calculated MW: 492 aa, 54 kDa	
	Observed MW: 48-55 kDa	

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

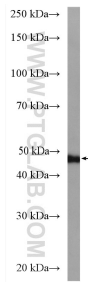
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

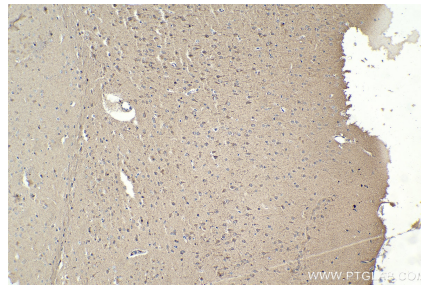
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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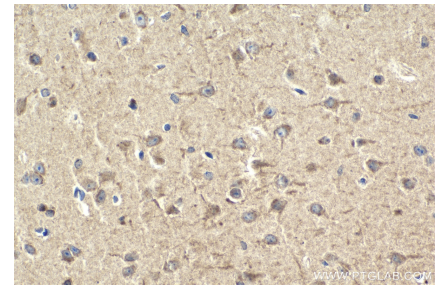
Selected Validation Data



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.