

For Research Use Only

DYNC1LI2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87490-1-PBS



Basic Information

Catalog Number: 87490-1-PBS	GenBank Accession Number: BC025959	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1783	CloneNo.: 252844F3
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, 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

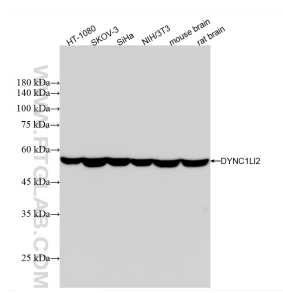
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

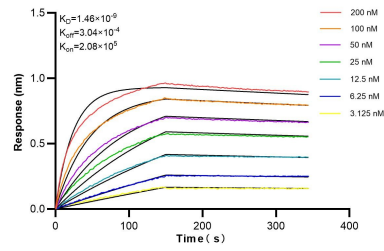
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87490-1-RR (DYNC1LI2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87490-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87490-1-RR against Human DYNC1LI2 were performed. The affinity constant is 1.46 nM.