

For Research Use Only

DYNC1LI2 Recombinant monoclonal antibody

Catalog Number: 87490-1-RR



Basic Information

Catalog Number: 87490-1-RR	GenBank Accession Number: BC025959	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1783	CloneNo.: 252844F3
Source: Rabbit	UNIPROT ID: O43237	Recommended Dilutions: WB: 1:5000-1:50000
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, ELISA	Positive Controls: WB : HT-1080 cells, SKOV-3 cells, SiHa cells, NIH/3T3 cells, mouse brain tissue, rat brain tissue
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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

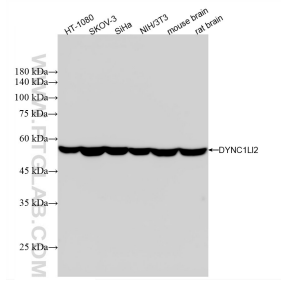
For technical support and original validation data for this product please contact:

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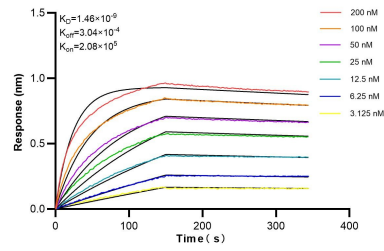
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87490-1-RR (DYNC1L2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87490-1-RR against Human DYNC1L2 were performed. The affinity constant is 1.46 nM.