

For Research Use Only

DYNLT1 Monoclonal antibody

Catalog Number: 68312-1-Ig



Basic Information

Catalog Number: 68312-1-Ig	GenBank Accession Number: BC029412	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 6993	CloneNo.: 2E3D4
Source: Mouse	UNIPROT ID: P63172	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Full Name: dynein, light chain, Tctex-type 1	
Immunogen Catalog Number: AG33072	Calculated MW: 113 aa, 12 kDa	
	Observed MW: 12 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells
Species Specificity: Human, mouse, rat	

Background Information

DYNLT (or Tctex-1) was originally described as a light chain component of the dynein motor complex. Tctex-1 also has several dynein-independent functions, including roles in G protein signaling activation and neuronal growth. Tctex-1 is selectively enriched in proliferating neural progenitors of both embryonic and adult brains. Genetic knockdown of Tctex-1 in radial precursors promoted neurogenesis, indicating its implication in regulation of cortical neurogenesis. (PMID: 19448628)

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

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

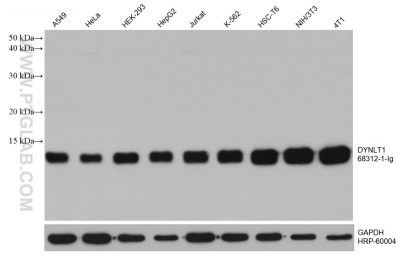
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68312-1-Ig (DYNLT1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.