

For Research Use Only

DYNLT1 Monoclonal antibody, PBS Only



Catalog Number: 68312-1-PBS

Basic Information

Catalog Number: 68312-1-PBS	GenBank Accession Number: BC029412	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 6993	CloneNo.: 2E3D4
Source: Mouse	UNIPROT ID: P63172	
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, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

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

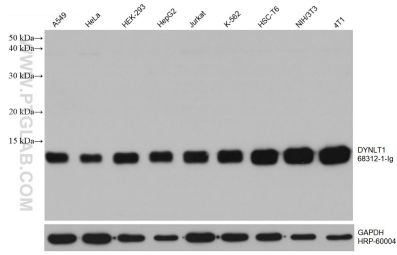
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Selected Validation Data



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. This data was developed using the same antibody clone with 68312-1-PBS in a different storage buffer formulation.