

For Research Use Only

Dynamitin (1-401 AA) Monoclonal antibody, PBS Only



Catalog Number: 60257-1-PBS

Basic Information

Catalog Number: 60257-1-PBS	GenBank Accession Number: BC014083	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10540	CloneNo.: 2B9A5
Source: Mouse	UNIPROT ID: Q13561	
Isotype: IgG3	Full Name: dynactin 2 (p50)	
Immunogen Catalog Number: AG1902	Calculated MW: 401 aa, 44 kDa	
	Observed MW: 52+150 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

Dynamitin is a 50 kDa protein containing a calmodulin binding domain, a putative ATPase domain and MacMARCKS-binding domain. This protein is a part of the dynactin complex believed to link the dynactin complex to membrane compartments. Its functions are tightly associated with dynein motor protein, thus extend to vesicle trafficking and membrane integrity. Dynamitin was named so because its overexpression causes dynactin complex which contains 10 subunits, to disassemble. Its N terminal 58 amino acid is for MacMARCKS binding and residues 59-83 is responsible for calmodulin binding. This antibody is against the N terminal 86aa of full length p50 dynamitin.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

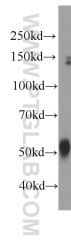
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
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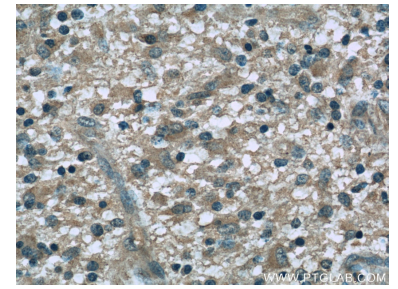
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 60257-1-Ig (Dynamitin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60257-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human gliomas slide using 60257-1-Ig (Dynamitin antibody at dilution of 1:50. This data was developed using the same antibody clone with 60257-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human gliomas slide using 60257-1-Ig (Dynamitin antibody at dilution of 1:50. This data was developed using the same antibody clone with 60257-1-PBS in a different storage buffer formulation.