

For Research Use Only

# Dynamitin (200-406 aa) Polyclonal antibody



Catalog Number: 10033-1-Ig

## Basic Information

Catalog Number: 10033-1-Ig	GenBank Accession Number: BC000718	Purification Method: Protein A purification
Size: 150ul	GeneID (NCBI): 10540	
Source: Rabbit	Full Name: dynactin 2 (p50)	
Isotype: IgG	Calculated MW: 50 kDa	

## Applications

Tested Applications:  
ELISA

Species Specificity:  
human

## 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, and thus extend to vesicle trafficking and membrane integrity. Dynamitin was so named because of its overexpression causes dynactin complex, which contains 10 subunits, to disassemble. Its N terminal 58 amino acid is the MacMARCKS binding protein and residues 59-83 is responsible for calmodulin binding. This antibody is against the N terminal 83AA of full length p50 dynamitin.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

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

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## Selected Validation Data