

For Research Use Only

# DCTN6 Polyclonal antibody

Catalog Number: 16947-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

16947-1-AP

### Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10561

### GenBank Accession Number:

BC013175

### GeneID (NCBI):

10671

### UNIPROT ID:

O00399

### Full Name:

dynactin 6

### Calculated MW:

190 aa, 21 kDa

### Observed MW:

27 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:600-1:4000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, monkey

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB** : A549 cells, mouse lung tissue, mouse testis tissue, rat testis tissue

**IP** : mouse testis tissue,

**IHC** : mouse testis tissue, human kidney tissue, human spleen tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Samantha L Cavolo	26023088	Mol Biol Cell	WB
Md Golam Sharoar	34371284	Neurobiol Aging	WB,IF,IP
Florencia di Pietro	28803871	Curr Biol	WB

## 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

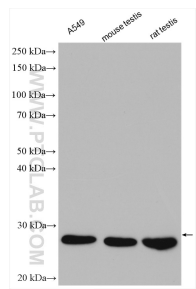
For technical support and original validation data for this product please contact:

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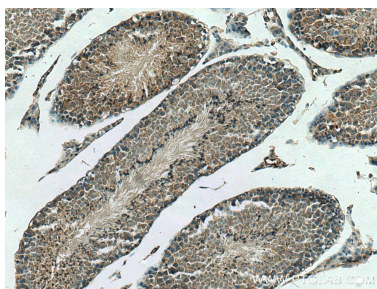
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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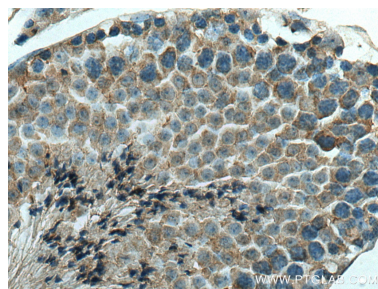
Selected Validation Data



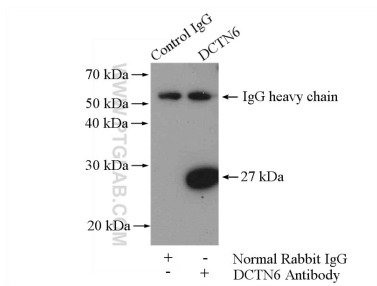
Various lysates were subjected to SDS PAGE followed by western blot with 16947-1-AP (DCTN6 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 16947-1-AP (DCTN6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 16947-1-AP (DCTN6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DCTN6 (IP:16947-1-AP, 4ug; Detection:16947-1-AP 1:500) with mouse testis tissue lysate 4800ug.