

For Research Use Only

# UNC13D/Munc13-4 Polyclonal antibody

Catalog Number: 16905-1-AP

6 Publications



## Basic Information

### Catalog Number:

16905-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG10519

### GenBank Accession Number:

BC067084

### GeneID (NCBI):

201294

### UNIPROT ID:

Q70J99

### Full Name:

unc-13 homolog D (C. elegans)

### Calculated MW:

1090 aa, 103 kDa

### Observed MW:

120 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:4000

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, IP, IHC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human

### Cited Species:

human

**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 : Jurkat cells, K-562 cells, human placenta tissue

IP : Jurkat cells,

IHC : human thymus tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Tatsuaki Kurosaki	36356584	Mol Cell	WB
Frank Cichocki	24842371	J Exp Med	WB
Donatella Galgano	32582217	Front Immunol	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

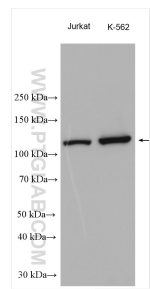
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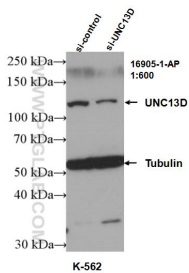
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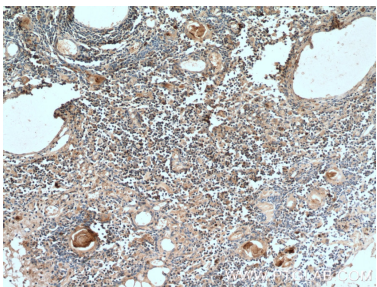
Selected Validation Data



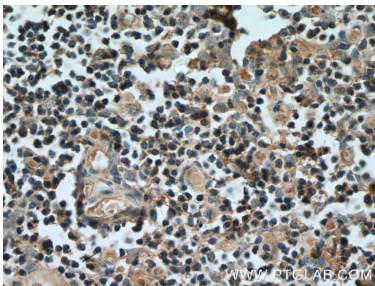
Various lysates were subjected to SDS PAGE followed by western blot with 16905-1-AP (UNC13D/Munc13-4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



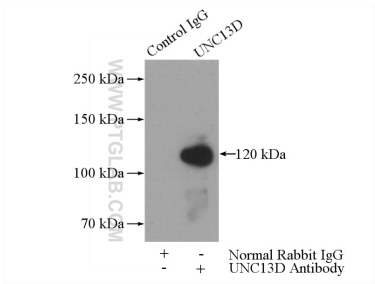
WB result of UNC13D/Munc13-4 antibody (16905-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-UNC13D/Munc13-4 transfected K-562 cells.



Immunohistochemical analysis of paraffin-embedded human thymus tissue slide using 16905-1-AP (UNC13D/Munc13-4 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 human thymus tissue slide using 16905-1-AP (UNC13D/Munc13-4 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-UNC13D/Munc13-4 (IP:16905-1-AP, 5ug; Detection:16905-1-AP 1:300) with Jurkat cells lysate 2400ug.