

For Research Use Only

# Syntaxin 4 Polyclonal antibody

Catalog Number: 14988-1-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

14988-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6973

### GenBank Accession Number:

BC002436

### GeneID (NCBI):

6810

### UNIPROT ID:

Q12846

### Full Name:

syntaxin 4

### Calculated MW:

34 kDa

### Observed MW:

35-37 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:16000

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

IHC 1:400-1:1600

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human, rat

**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 : mouse kidney tissue, rat kidney tissue, HEK-293 cells, Jurkat cells

IP : mouse kidney tissue,

IHC : human stomach tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhenwei Yu	32428221	Brain	WB
Jamie A Lopez	29599780	Front Immunol	WB
Emilio M Serrano-López	34147527	Int J Biol Macromol	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

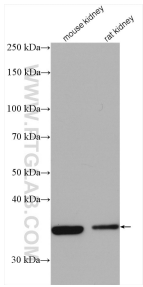
For technical support and original validation data for this product please contact:

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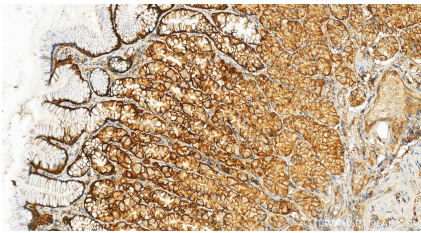
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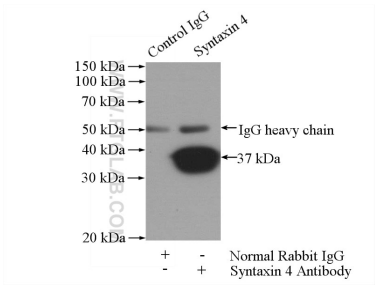
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14988-1-AP (Syntaxin 4 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 14988-1-AP (Syntaxin 4 antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Syntaxin 4 (IP:14988-1-AP, 4ug; Detection:14988-1-AP 1:1500) with mouse kidney tissue lysate 4000ug.