

For Research Use Only

# NISCH Polyclonal antibody

Catalog Number: 13813-1-AP **3 Publications**



## Basic Information

### Catalog Number:

13813-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4880

### GenBank Accession Number:

BC038102

### GeneID (NCBI):

11188

### UNIPROT ID:

Q9Y2I1

### Full Name:

nischarin

### Calculated MW:

1504 aa, 167 kDa

### Observed MW:

190-200 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

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

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**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, mouse brain tissue, rat brain tissue

IP : Jurkat cells, mouse brain tissue

IHC : human stomach tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Natsumi Kii	34319918	Anesth Analg	IF
Chan Chang	28131840	Biochem Biophys Res Commun	WB,IF
Gaojian He	39353394	Int Immunopharmacol	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

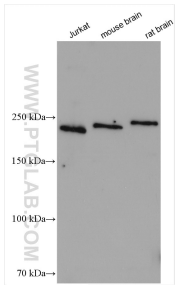
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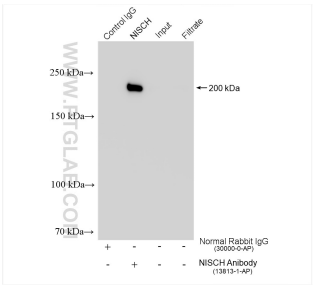
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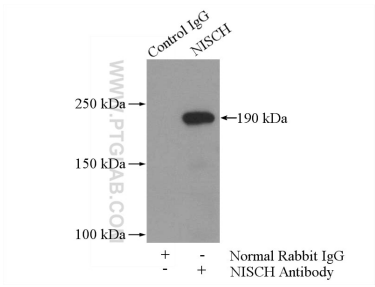
Selected Validation Data



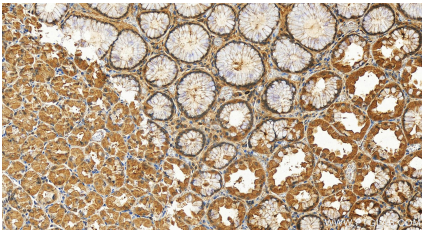
Various lysates were subjected to SDS PAGE followed by western blot with 13813-1-AP (NISCH antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-NISCH (IP:13813-1-AP, 4ug; Detection:13813-1-AP 1:500) with Jurkat cells lysate 1560 ug.



IP result of anti-NISCH (IP:13813-1-AP, 4ug; Detection:13813-1-AP 1:500) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13813-1-AP (NISCH antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).