

For Research Use Only

# JIP1/IB-1 Polyclonal antibody

Catalog Number: 14568-1-AP

7 Publications



## Basic Information

### Catalog Number:

14568-1-AP

### Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6150

### GenBank Accession Number:

BC068470

### GeneID (NCBI):

9479

### UNIPROT ID:

Q9UQF2

### Full Name:

mitogen-activated protein kinase 8 interacting protein 1

### Calculated MW:

78 kDa

### Observed MW:

97-116 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

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

IHC 1:50-1:500

IF/ICC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF, IP

### 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 : fetal human brain tissue,

IP : mouse brain tissue, rat brain tissue

IHC : human oesophagus cancer tissue, mouse brain tissue, human pancreas tissue

IF/ICC : PC-12 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Huixue Zhang	28977840	Oncotarget	WB
Changjiang Ying	34194338	Front Physiol	IP, WB
Lei Wu	32644793	ACS Chem Neurosci	IF

## 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

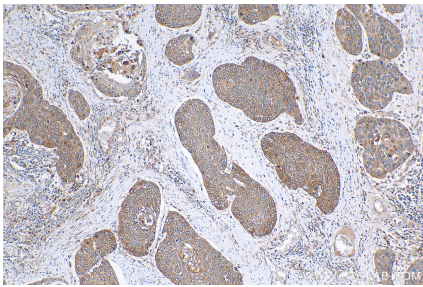
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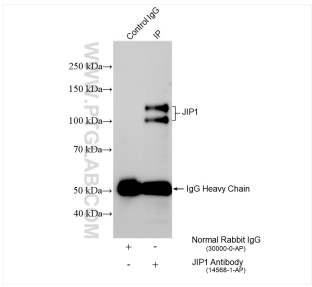
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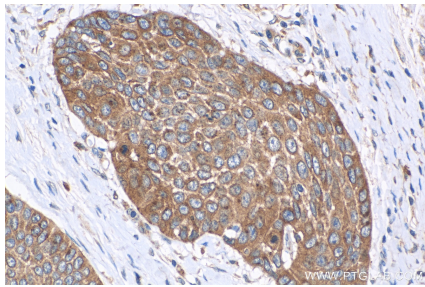
Selected Validation Data



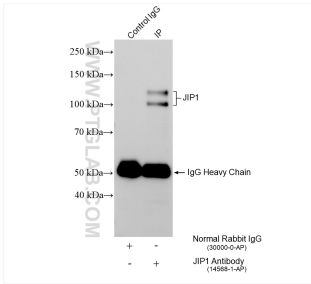
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 14568-1-AP (JIP1/IB-1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-JIP1/IB-1 (IP:14568-1-AP, 4ug; Detection:14568-1-AP 1:500) with mouse brain tissue lysate 1840 ug.



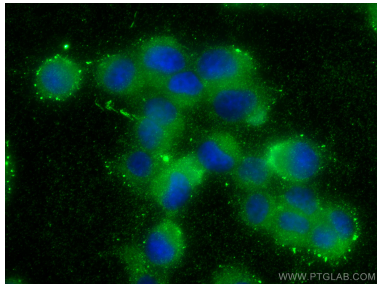
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 14568-1-AP (JIP1/IB-1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-JIP1/IB-1 (IP:14568-1-AP, 4ug; Detection:14568-1-AP 1:500) with rat brain tissue lysate 1120 ug.



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 14568-1-AP (JIP1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed PC-12 cells using JIP1/IB-1 antibody (14568-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).