

For Research Use Only

# IgJ Polyclonal antibody

Catalog Number: 13688-1-AP

4 Publications



## Basic Information

### Catalog Number:

13688-1-AP

### Size:

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

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG4559

### GenBank Accession Number:

BC038982

### GeneID (NCBI):

3512

### UNIPROT ID:

P01591

### Full Name:

immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides

### Calculated MW:

158 aa, 18 kDa

### Observed MW:

25 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

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, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, hamster

### Positive Controls:

WB : human plasma tissue, mouse spleen tissue, human plasma

IP : mouse spleen tissue,

IHC : human tonsillitis tissue,

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

## Background Information

IgJ, the immunoglobulin J chain, serves to link two monomer units of either IgM or IgA.

## Notable Publications

Author	Pubmed ID	Journal	Application
Siwei Pan	34678693	Int Immunopharmacol	IHC
Venugopal Bhaskara	33689865	J Biotechnol	WB
Gaofeng Cai	35675749	Phytomedicine	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

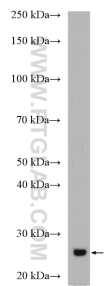
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

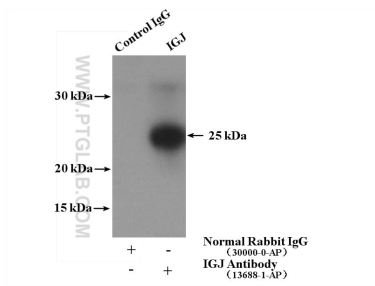
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data

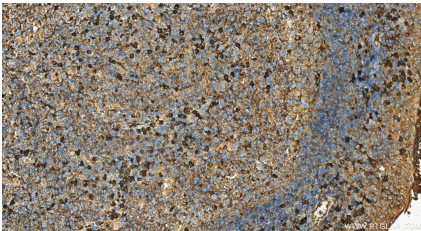


human plasma were subjected to SDS PAGE followed by western blot with 13688-1-AP (IGJ antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.

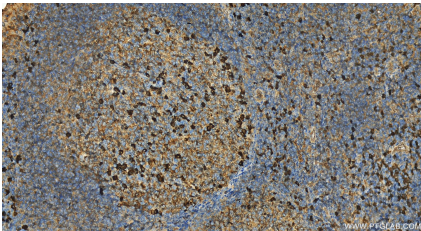


IP result of anti-IGJ (IP:13688-1-AP, 4ug; Detection:13688-1-AP 1:300) with mouse spleen tissue lysate 4000ug.

human plasma were subjected to SDS PAGE followed by western blot with 13688-1-AP (IGJ antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13688-1-AP (IGJ antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13688-1-AP (IGJ antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).