

For Research Use Only

IgJ Polyclonal antibody

Catalog Number: 13688-1-AP

5 Publications



Basic Information

Catalog Number:

13688-1-AP

Concentration:

300 ug/ml

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

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 : human plasma tissue, mouse spleen tissue, human plasma

IP : mouse spleen tissue,

IHC : human tonsillitis tissue,

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
Dong-Lin Ren	31897137	Oncol Lett	WB
Venugopal Bhaskara	33689865	J Biotechnol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

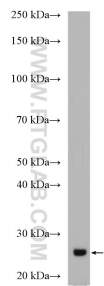
T: 4006900926

E: Proteintech-CN@ptglab.com

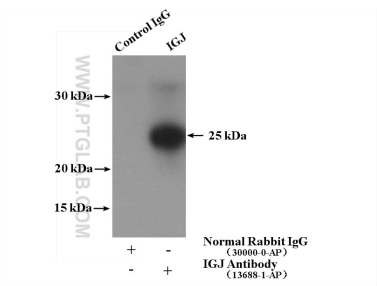
W: ptgcn.com

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

Selected Validation Data

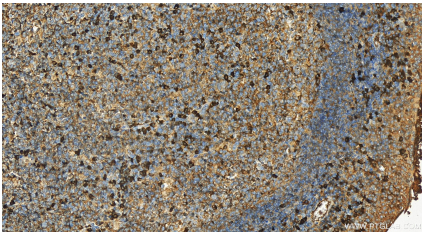


human plasma were subjected to SDS PAGE followed by western blot with 13688-1-AP (IGJ antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.

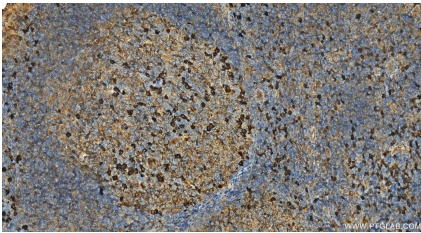


IP result of anti-IGJ (IP:13688-1-AP, 4ug; Detection:13688-1-AP 1:300) with mouse spleen tissue lysate 4000ug.

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).