

For Research Use Only

IGJ Polyclonal antibody

Catalog Number: 13688-1-AP **4 Publications**



Basic Information

Catalog Number: 13688-1-AP	GenBank Accession Number: BC038982	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 300 µg/ml by Nanodrop and 207 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3512	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides	IHC 1:20-1:200
Isotype: IgG	Calculated MW: 158 aa, 18 kDa	
Immunogen Catalog Number: AG4559	Observed MW: 25 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	WB: human plasma tissue, mouse spleen tissue, human plasma
Species Specificity: human, mouse, rat	IP: mouse spleen tissue,
Cited Species: hamster, human, mouse	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

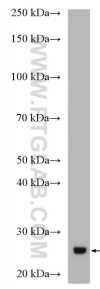
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

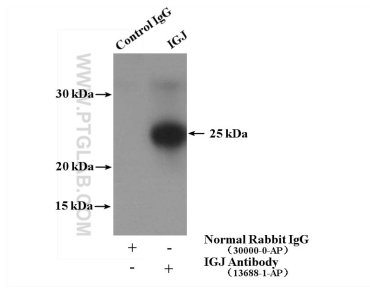
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

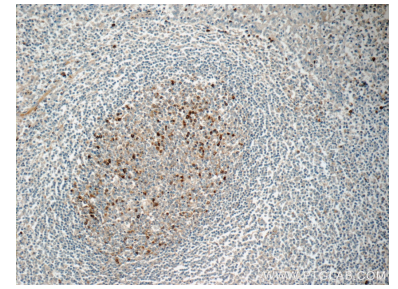
Selected Validation Data



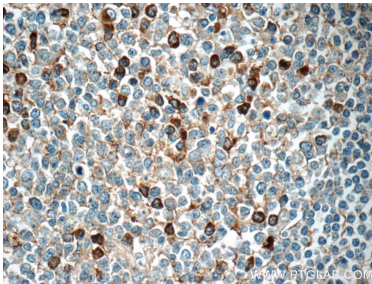
human plasma were subjected to SDS PAGE followed by western blot with 13688-1-AP (IGJ antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



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



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13688-1-AP (IGJ Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 13688-1-AP (IGJ Antibody) at dilution of 1:50 (under 40x lens).



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.