

For Research Use Only

C1qB Polyclonal antibody

Catalog Number: 16919-1-AP **3 Publications**



Basic Information

Catalog Number:

16919-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10225

GenBank Accession Number:

BC008983

GeneID (NCBI):

713

UNIPROT ID:

P02746

Full Name:

complement component 1, q subcomponent, B chain

Calculated MW:

253 aa, 27 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB: human plasma tissue,

Background Information

The first component of complement, C1, is a calcium-dependent complex of the 3 subcomponents C1q, C1r, and C1s. C1q is composed of 18 polypeptide chains: six A-chains, six B-chains, and six C-chains. Each chain contains a collagen-like region located near the N terminus and a C-terminal globular region. Deficiency of C1q has been associated with lupus erythematosus and glomerulonephritis. This antibody is raised against C1qB which is the B-chain polypeptide of human complement subcomponent C1q.

Notable Publications

Author	Pubmed ID	Journal	Application
Hanji Huang	33707956	Onco Targets Ther	WB
Wei Dong	36471393	World J Surg Oncol	WB
Anika Alberts	32286427	Sci Rep	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

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

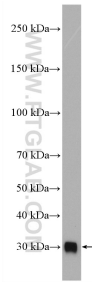
T: 4006900926

E: Proteintech-CN@ptglab.com

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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 16919-1-AP (C1qB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.