

For Research Use Only

C1qC Polyclonal antibody

Catalog Number: 16889-1-AP



Basic Information

Catalog Number: 16889-1-AP	GenBank Accession Number: BC009016	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 714	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: complement component 1, q subcomponent, C chain	
Isotype: IgG	Calculated MW: 245 aa, 26 kDa	
Immunogen Catalog Number: AG10400	Observed MW: 26 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : human blood tissue, IHC : human liver tissue,
Species Specificity: human	
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

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 C1qC which is the C-chain polypeptide of human complement subcomponent C1q.

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

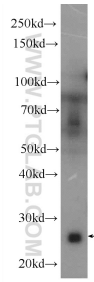
For technical support and original validation data for this product please contact:

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

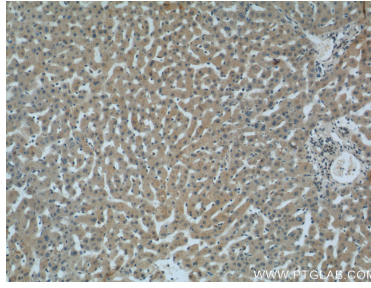
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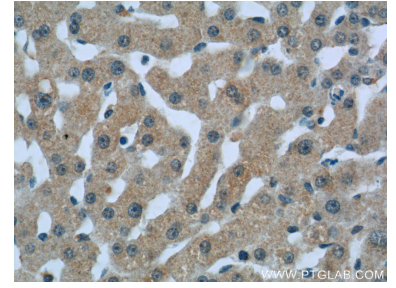
Selected Validation Data



human blood were subjected to SDS PAGE followed by western blot with 16889-1-AP (C1QC Antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16889-1-AP (C1QC Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 16889-1-AP (C1QC Antibody) at dilution of 1:50 (under 40x lens).