

For Research Use Only

C6 Polyclonal antibody

Catalog Number: 17239-1-AP **7 Publications**



Basic Information

Catalog Number: 17239-1-AP	GenBank Accession Number: BC035723	Purification Method: Antigen affinity purification
Size: 500 µg/ml	GeneID (NCBI): 729	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P13671	
Isotype: IgG	Full Name: complement component 6	
Immunogen Catalog Number: AG11083	Calculated MW: 934 aa, 105 kDa	
	Observed MW: 105 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB : human blood, IP : human plasma tissue, IHC : mouse liver tissue, human liver cancer tissue
Cited Applications: IF, IHC, WB	
Species Specificity: human, mouse	
Cited Species: human, rat	
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 final consequence of complement activation is formation of the membrane attack complex (MAC), a multiprotein assembly that perforates cell membranes, forming transmembrane channels. C6 is 1 of 5 late-acting proteins of complement that participate in assembly and function of the MAC. The deduced C6 protein contains 934 amino acids, including a 21-amino acid N-terminal signal sequence and 2 N-glycosylation sites. Mutations in the C6 gene are associated with complement component-6 deficiency.

Notable Publications

Author	Pubmed ID	Journal	Application
Shani Zilberman-Itskovich	31513644	PLoS One	IF
Gerard J. Nuovo	36334414	Ann Diagn Pathol	IHC
Xiaoyi Huang	31630466	Oral Dis	WB

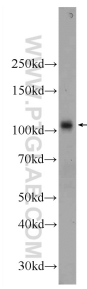
Storage

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

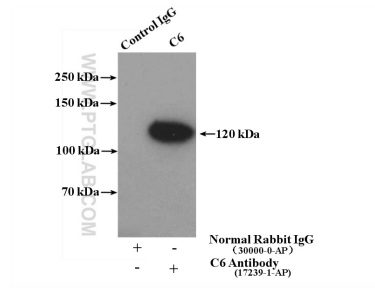
For technical support and original validation data for this product please contact:
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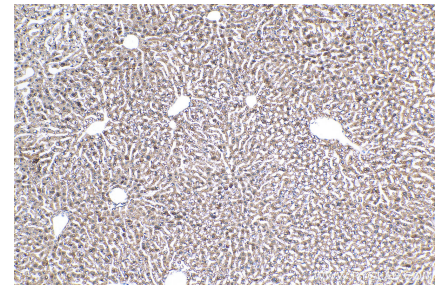
Selected Validation Data



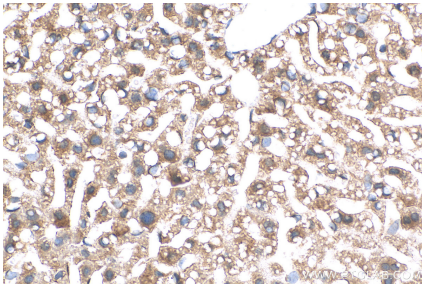
human blood were subjected to SDS PAGE followed by western blot with 17239-1-AP (C6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-C6 (IP:17239-1-AP, 4ug; Detection:17239-1-AP 1:800) with human plasma lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 17239-1-AP (C6 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 17239-1-AP (C6 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).