

For Research Use Only

C6 Polyclonal antibody

Catalog Number: 17239-1-AP

7 Publications



Basic Information

Catalog Number:

17239-1-AP

Size:

150ul, Concentration: 500 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11083

GenBank Accession Number:

BC035723

GeneID (NCBI):

729

Full Name:

complement component 6

Calculated MW:

934 aa, 105 kDa

Observed MW:

105 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, rat

Positive Controls:

WB: human blood,

IP: human plasma tissue,

IHC: mouse liver tissue, human liver cancer 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

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

*** 20ul sizes contain 0.1% BSA

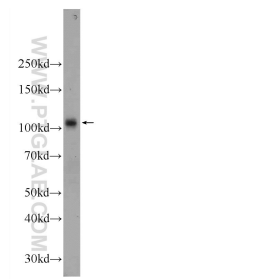
For technical support and original validation data for this product please contact:

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

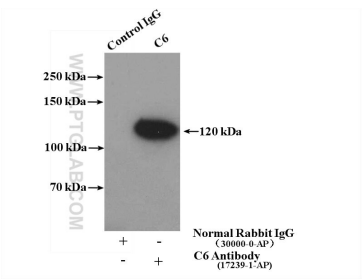
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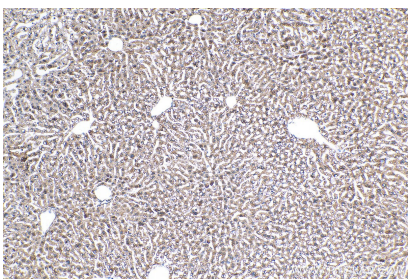
Selected Validation Data



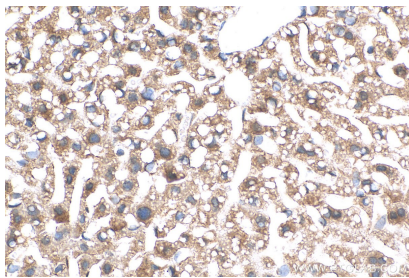
human blood were subjected to SDS PAGE followed by western blot with 17239-1-AP (C6 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).