

For Research Use Only

# Complement C2 Polyclonal antibody

Catalog Number: 27175-1-AP

2 Publications



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
27175-1-AP	BC043484	Antigen affinity purification
Concentration:	GeneID (NCBI):	Recommended Dilutions:
260 ug/ml	717	WB 1:500-1:2000
Source:	UNIPROT ID:	IHC 1:50-1:500
Rabbit	P06681	
Isotype:	Full Name:	
IgG	complement component 2	
Immunogen Catalog Number:	Observed MW:	
AG25690	70 kDa, 80 kDa	

## Applications

Tested Applications:	Positive Controls:
WB, IHC, ELISA	WB : A431 cells, HepG2 cells, Raji cells
Cited Applications:	IHC : human liver tissue,
WB, IHC	
Species Specificity:	
human	
Cited Species:	
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

Complement C2 (C2) is a key component of the classical and lectin pathways of the complement system. Complement C2 deficiency is associated with an increased susceptibility to infections, particularly those caused by encapsulated bacteria.

## Notable Publications

Author	Pubmed ID	Journal	Application
Phu C Duong	35150868	Insect Biochem Mol Biol	IHC
Dayan Sun	33279689	Cell Mol Gastroenterol Hepatol	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:

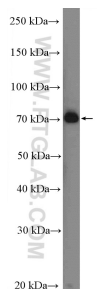
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

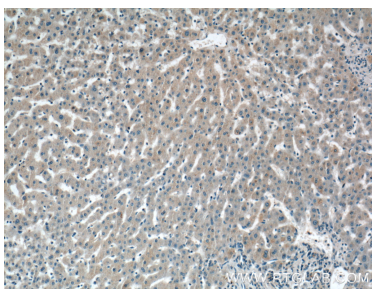
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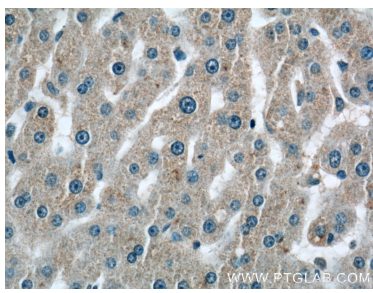
Selected Validation Data



A431 cells were subjected to SDS PAGE followed by western blot with 27175-1-AP (C2 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27175-1-AP (C2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 27175-1-AP (C2 Antibody) at dilution of 1:200 (under 40x lens).