

For Research Use Only

C7 Polyclonal antibody

Catalog Number: 17642-1-AP **1 Publications**



Basic Information

Catalog Number: 17642-1-AP	GenBank Accession Number: BC063851	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 260 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 730	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	Full Name: complement component 7	
Isotype: IgG	Calculated MW: 843 aa, 94 kDa	
Immunogen Catalog Number: AG11819	Observed MW: 105 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : mouse thymus tissue, human blood tissue
Cited Applications: WB	
Species Specificity: human, mouse, rat	
Cited Species: human	

Background Information

C7, a single-chain plasma glycoprotein, is a component of the complement system. It is a constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C7 serves as a membrane anchor. People with C7 deficiency are prone to bacterial infection.

Notable Publications

Author	Pubmed ID	Journal	Application
Sipeng Li	34265469	Mol Cell Proteomics	WB

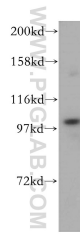
Storage

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 17642-1-AP (C7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.