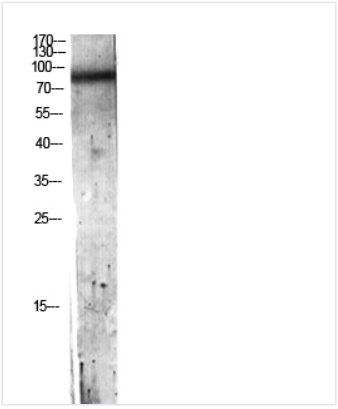
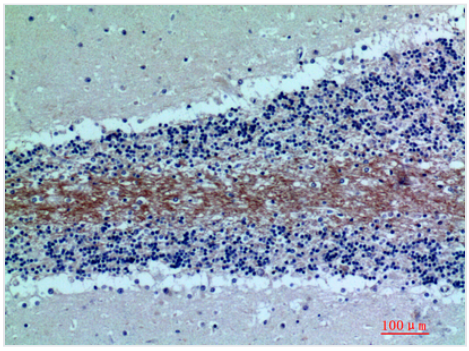
C7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

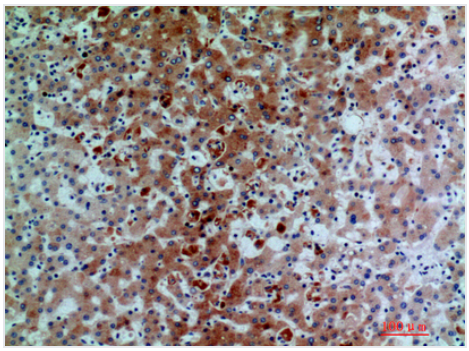
Product Name	C7, Polyclonal Antibody
Full Product Name	C7 Polyclonal Antibody
Product Gene Name	anti-C7 antibody
Product Synonym Names	C7; Complement component C7
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	93,518 Da
OMIM	217070
3D Structure	ModBase 3D Structure for P10643
Applications Tested/Suitable for anti-C7 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P)
Related Product Information for anti-C7 antibody	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.
Other Notes	Small volumes of anti-C7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for C7 purchase	MBS9246316 is an antibody targeting C7. Also known as C7 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



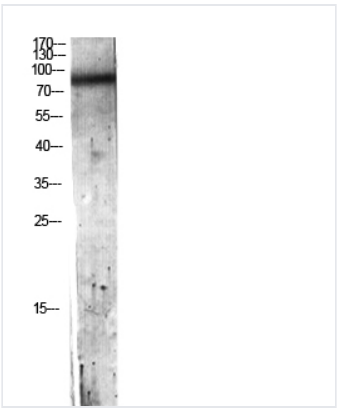
Wester Blot (WB) of anti-C7 antibody
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



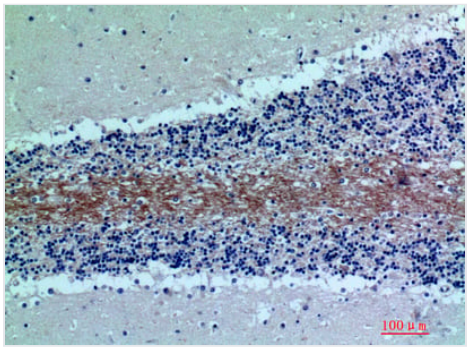
Immunohistochemistry (IHC)-Paraffin of anti-C7 antibody
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



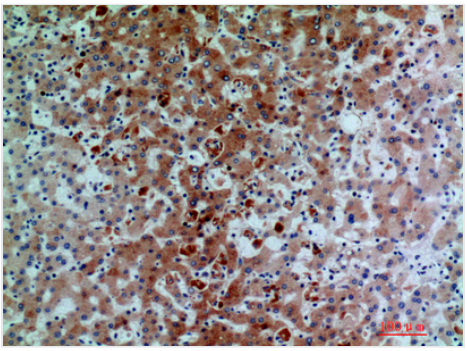
Immunohistochemistry (IHC)-Paraffin of anti-C7 antibody
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



Western Blot (WB) of anti-C7 antibody
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



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Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.



Immunohistochemistry (IHC) of anti-C7 antibody
Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C7. It may not necessarily be applicable to this product.

NCBI GI #	45580688
NCBI GeneID	730
NCBI Accession #	NP_000578.2
UniProt Primary Accession #	P10643
UniProt Secondary Accession #	Q6P3T5; Q92489
UniProt Related Accession #	P10643
GenBank Nucleotide #	NM_000587.2
NCBI Official Full Name	complement component C7
NCBI Official Synonym Full Names	complement component 7
NCBI Official Symbol	C7
UniProt Protein Name	Complement component C7
Protein Family	Complement component
UniProt Gene Name	C7
UniProt Entry Name	CO7_HUMAN
NCBI Protein Information	complement component C7

NCBI Summary for C7	C7 is a component of the complement system. It participates in the formation of Membrane Attack Complex (MAC). People with C7 deficiency are prone to bacterial infection. [provided by RefSeq, Jul 2008]
UniProt Comments for C7	C7: 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. Defects in C7 are a cause of complement component 7 deficiency (C7D). A rare defect of the complement classical pathway associated with susceptibility to severe recurrent infections, predominantly by Neisseria gonorrhoeae or Neisseria meningitidis. Belongs to the complement C6/C7/C8/C9 family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 5p13 Cellular Component: membrane attack complex; extracellular region Biological Process: cellular sodium ion homeostasis; cytolysis; complement activation, alternative pathway; regulation of complement activation; innate immune response; complement activation, classical pathway; complement activation Disease: Complement Component 7 Deficiency
Research Articles on C7	**1.** Borrelial CspA binds the human terminal complement components C7 and C9 and blocks assembly and membrane insertion of the terminal complement complex (TCC).
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