

Rabbit anti-Human, Mouse C7 Polyclonal Antibody | anti-C7 antibody

C7 Antibody

CATALOG # AAA310297	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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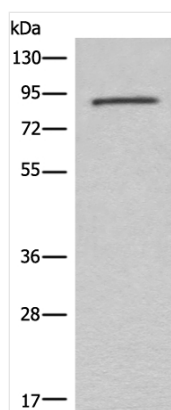
PRODUCT SYNONYMS

C7; Polyclonal Antibody; C7 Antibody; anti-C7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total C7 protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.8mg/ml (varies by lot)
Sequence Length	4015
Applicable Applications for anti-C7 antibody	WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human C7
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg/lane, Lane: Mouse lung tissue lysate, Primary antibody: 46376E C7 Antibody at dilution 1/800 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 10 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-C7 antibody	The complement cascade is a multi-protein system that functions to clear pathogens from an infected host. Part of the innate (unchanging) immune system, the complement cascade consists of proteins and inactive zymogens that are present in blood and are stimulated by one of several triggers. Once stimulated, the cascade relays amplified responses throughout the body, ultimately activating the cell-killing membrane attack complex which can insert itself into the cell membrane and cause the cell to lyse. C7 (complement component 7) is an 843 amino acid secreted protein that participates in the formation of membrane attack complex (MAC), a complex that forms pores in the plasma membrane of target cells for innate and adaptive immune responses. As a membrane anchor, C7 exists as a monomer or dimer and can form multimeric rosettes with C5?. C7 defects are the cause of component C7 deficiency (C7D), characterized by recurrent bacterial infections caused by Neisseria meningitidis.
Product Categories/Family for anti-C7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	39645842
NCBI GeneID	730
UniProt Accession #	P10643; Q6P3T5; Q92489
Molecular Weight	94 kDa
NCBI Official Full Name	Homo sapiens complement component 7, mRNA
NCBI Official Synonym Full Names	complement C7
NCBI Official Symbol	C7
NCBI Protein Information	complement component C7
UniProt Protein Name	Complement component C7
UniProt Gene Name	C7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.