



Goat Anti-Human C7 Polyclonal Antiserum

Cat. No.: CTA-P-012

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview This product is an Anti-Human C7 Polyclonal Antiserum from goats immunized with highly purified human C7 protein. It is not a purified IgG fraction.

SPECIFICATIONS

Host Animal	Goats
Isotype	IgG
Immunogen	C7 protein
Applications	Western Blots; ELISA; Immunodiffusion
Application Notes	Immunodiffusion: 1/16; WB: 16,000; ELISA: 1/32,000
Specificity	C7
Format	Frozen liquid
Size	1ml
Concentration	>40 mg/mL
Preservative	0.09 % sodium azide.
Storage	Store at 4°C short term. Store at -20°C or below long term. Avoid freeze-thaw cycles.

ANTIGEN INFORMATION

Introduction Complement component 7 is a protein involved in the complement system of the innate immune system. C7 is part of the membrane attack complex (MAC) which creates a hole on pathogen surfaces, leading to cell lysis and death. Its primary task is to bind the C5bC6 complex together. This junction alters the configuration of the protein molecules, exposing a hydrophobic site on C7 that allows the C7 to insert into the phospholipid bilayer of the

pathogen.

Alternative Names

Complement C7; Complement Component 7; Complement Component C7

Gene ID

[730](#)

UniProt ID

[P10643](#)