

# C3 / C3a Rabbit Polyclonal Antibody



CAB13283

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

120kDa/180kDa

### Calculated MW:

187kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50  
- 1:200 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form the mature protein, which is then further processed to generate numerous peptide products. The C3a peptide, also known as the C3a anaphylatoxin, modulates inflammation and possesses antimicrobial activity. Mutations in this gene are associated with atypical hemolytic uremic syndrome and age-related macular degeneration in human patients.

## Immunogen information

### Gene ID:

718

### Uniprot

P01024

### Synonyms:

C3; AHUS5; ARMD9; ASP; C3a; C3b; CPAMD1; HEL-S-62p;  
complement C3; C3 / C3a

### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1364-1663 of human C3 / C3a (NP\_000055.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

