

C3 / C3a Rabbit Polyclonal Antibody



CAB6879

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

115kDa/170kDa/187kDa

Calculated MW:

187kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

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

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

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.

Purification:

Affinity purification

Product Images

