

C3 Antibody
Rabbit mAb
Catalog # AP91124

Specification

C3 Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P01024
Clonality	Monoclonal
Other Names	
AHUS5; ARMD9; ASP; Complement C3; Complement factor 3; CPAMD1; HEL S 62p;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	187148 Da

C3 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human C3
Description	Plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

C3 Antibody - Protein Information

Name C3

Synonyms CPAMD1

Function

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates. [C3-beta-c]: Acts as a chemoattractant for neutrophils in chronic inflammation.

Cellular Location

Secreted.

Tissue Location

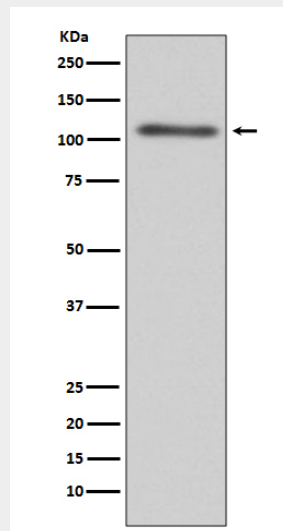
Plasma. The acylation stimulating protein (ASP) is expressed in adipocytes and released into the plasma during both the fasting and postprandial periods.

C3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

C3 Antibody - Images



Western blot analysis of C3 expression in HepG2 cell lysate.