10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Complement C3 Antibody (aa1580-1592)

Goat Polyclonal Antibody
Catalog # ALS16963

Specification

Complement C3 Antibody (aa1580-1592) - Product Information

Application	**IHC**
Primary Accession	P01024
Other Accession	718
Reactivity	**Human, Monkey**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**187148**

Complement C3 Antibody (aa1580-1592) - Additional Information

Gene ID 718

Other Names
C3, AHUS5, ARMD9, Complement component C3, CPAMD1, Complement C3, ASP, Complement component 3

Target/Specificity
Human Complement C3. This antibody is expected to recognize the C3 alpha chain, C3b alpha chain and the C3c alpha chain fragment 2.

Reconstitution & Storage
Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions
Complement C3 Antibody (aa1580-1592) is for research use only and not for use in diagnostic or therapeutic procedures.

Complement C3 Antibody (aa1580-1592) - 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.

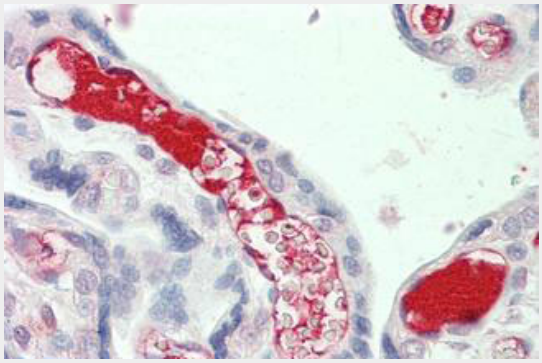
Tissue Location
Plasma. The acylation stimulating protein (ASP) is expressed in adipocytes and released into the plasma during both the fasting and postprandial periods.

Complement C3 Antibody (aa1580-1592) - Protocols

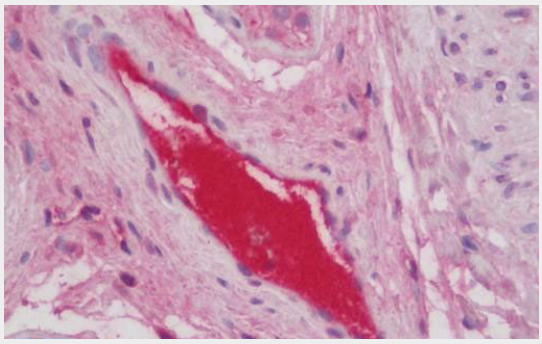
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Complement C3 Antibody (aa1580-1592) - Images



Anti-Complement C3 antibody IHC staining of human placenta.



Anti-Complement C3 antibody IHC staining of human testis.

Complement C3 Antibody (aa1580-1592) - Background

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.

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Complement C3 Antibody (aa1580-1592) - References

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