

**complement C3 (aa1580-1592) Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF3841a****Specification**

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**complement C3 (aa1580-1592) Antibody (C-Term) - Product Information**

Application	E
Primary Accession	<a href="#">P01024</a>
Other Accession	<a href="#">NP_000055.2</a> , <a href="#">718</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	187148

**complement C3 (aa1580-1592) Antibody (C-Term) - Additional Information****Gene ID** 718**Other Names**

Complement C3, C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1, Complement C3 beta chain, C3-beta-c, C3bc, Complement C3 alpha chain, C3a anaphylatoxin, Acylation stimulating protein, ASP, C3adesArg, Complement C3b alpha' chain, Complement C3c alpha' chain fragment 1, Complement C3dg fragment, Complement C3g fragment, Complement C3d fragment, Complement C3f fragment, Complement C3c alpha' chain fragment 2, C3, CPAMD1

**Dilution**

E~~N/A

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

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

**complement C3 (aa1580-1592) Antibody (C-Term) - Protein Information****Name** C3 {ECO:0000303|PubMed:2579379, ECO:0000312|HGNC:HGNC:1318}**Function**

Precursor of non-enzymatic components of the classical, alternative, lectin and GZMK complement

pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system.

**Cellular Location**

Secreted. [C3a anaphylatoxin]: Secreted

**Tissue Location**

Plasma..

**complement C3 (aa1580-1592) Antibody (C-Term) - 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](#)

**complement C3 (aa1580-1592) Antibody (C-Term) - Images****complement C3 (aa1580-1592) Antibody (C-Term) - Background**

This antibody is expected to recognize the C3 alpha chain, C3b alpha' chain and the C3c alpha' chain fragment 2.

**complement C3 (aa1580-1592) Antibody (C-Term) - References**

IgG autoantibodies against deposited C3 inhibit macrophage-mediated apoptotic cell engulfment in systemic autoimmunity. Kenyon KD, Cole C, Crawford F, Kappler JW, Thurman JM, Bratton DL, Boackle SA, Henson PM. J Immunol. 2011 Sep 1;187(5):2101-11. PMID: 21813769