

Rabbit anti-Human Complement C3 Polyclonal Antibody | anti-C3 antibody

Rabbit anti-human Complement C3 polyclonal Antibody;

CATALOG # AAA229869	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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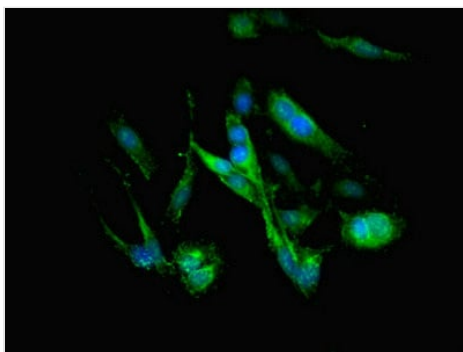
PRODUCT SYNONYMS

Complement C3; Polyclonal Antibody; Rabbit anti-human Complement C3 polyclonal Antibody;; Complement C3 protein; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; C3; CPAMD1; anti-C3 antibody

PRODUCT SPECIFICATIONS

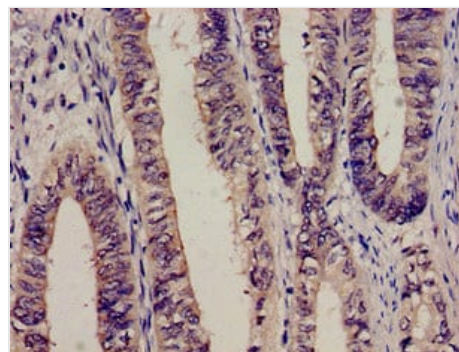
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Liquid
Sequence Length	1663
Applicable Applications for anti-C3 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Complement C3 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300; Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-31300 / sc-17237 / sc-14612 / sc-14613 / sc-31299 / sc-20137
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



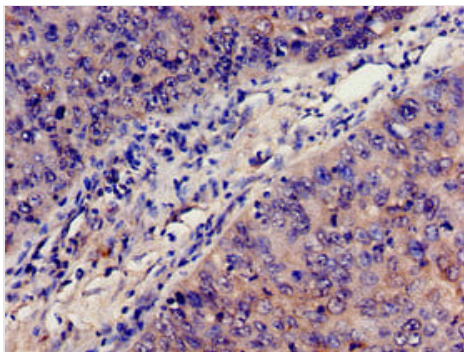
IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA229869 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

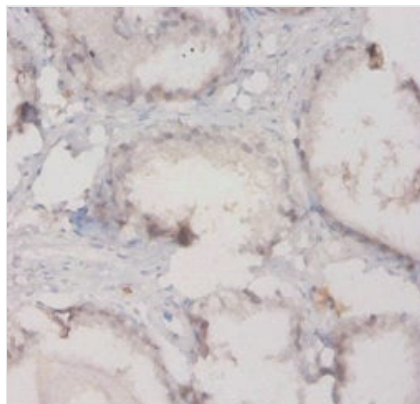


IHC (Immunohistochemistry)

Immunocytochemistry analysis of human colon cancer using AAA229869 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry analysis of human cervical cancer using AAA229869 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human prostate using AAA229869 at dilution of 1:20

ADDITIONAL INFORMATION

Related Product Information for anti-C3 antibody	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. Ref.5 Ref.11 Ref.14 Ref.15 Ref.16 Ref.22 Ref.25 Ref.30 Derived from proteolytic degradation of complement C3, C3a anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes. Ref.5 Ref.11 Ref.14 Ref.15 Ref.16 Ref.22 Ref.25 Ref.30 Acylation stimulating protein (ASP): adipogenic hormone that stimulates triglyceride (TG) synthesis and glucose transport in adipocytes, regulating fat storage and playing a role in postprandial TG clearance. Appears to stimulate TG synthesis via activation of the PLC, MAPK and AKT signaling pathways. Ligand for GPR77. Promotes the phosphorylation, ARRB2-mediated internalization and recycling of GPR77. 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. People with C3 deficiency are susceptible to bacterial infection.
Product Categories/Family for anti-C3 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	115298678
NCBI GeneID	718
NCBI Accession #	NP_000055.2
NCBI GenBank Nucleotide #	NM_000064.3
UniProt Accession #	P01024 ; A7E236
Molecular Weight	187,148 Da
NCBI Official Full Name	complement C3 preproprotein
NCBI Official Synonym Full Names	complement component 3
NCBI Official Symbol	C3
NCBI Official Synonym Symbols	ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p
NCBI Protein Information	complement C3
UniProt Protein Name	Complement C3
UniProt Gene Name	C3

UniProt Synonym Gene Names	CPAMD1; C3bc; ASP
UniProt Entry Name	CO3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/complement-c3-antibody-immunohistochemistry-elisa/229869>