

Rabbit Complement C3 Polyclonal Antibody | anti-C3 antibody

Anti-Complement C3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263607	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Complement C3 protein.
Purity/Purification	Purified by immunogen affinity chromatography
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1,663
Applicable Applications for anti-C3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human Complement C3
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



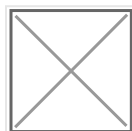
IHC (Immunohistochemistry)

Immunofluorescent analysis of Complement C3 staining in rat liver. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



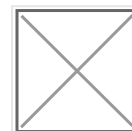
IHC (Immunohistochemistry)

Immunohistochemical analysis of Complement C3 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Complement C3 expression in HepG2 (A), mouse plasma (B), rat plasma (C) whole cell lysates.



WB (Western Blot)

Western blot analysis of Complement C3 expression in HepG2 (A), Hela (B), mouse lung (C), rat liver (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-C3 antibody	Rabbit polyclonal antibody to Complement C3
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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
NCBI Official Full Name	complement C3 preproprotein
NCBI Official Synonym Full Names	complement C3
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

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.