

Rabbit anti-Human CFH Polyclonal Antibody | anti-CFH antibody

CFH Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284352	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

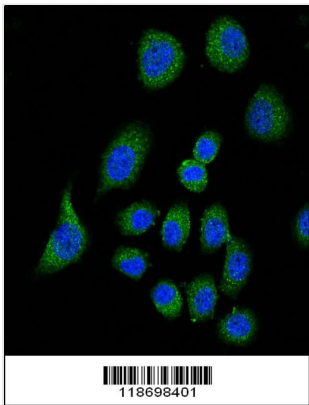
PRODUCT SYNONYMS

CFH; Polyclonal Antibody; CFH Antibody (Center); Complement factor H; H factor 1; HF; HF1; HF2; anti-CFH antibody

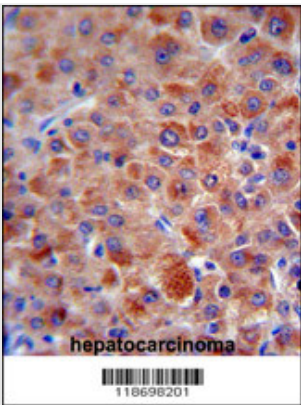
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CFH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 751-780 amino acids from the Central region of human CFH.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.287 (varies by lot)
Sequence Positions	751-780
Sequence Length	449
Applicable Applications for anti-CFH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

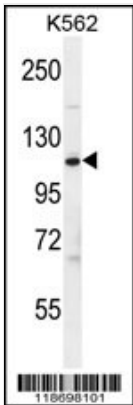
IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of CFH Antibody (Center) with A549 cell followed by Alexa Fluor 489-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)
CFH antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CFH antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CFH Antibody (Center) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the CFH antibody detected the CFH protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CFH antibody	This gene is a member of the Regulator of Complement Activation (RCA) gene cluster and encodes a protein with twenty short consensus repeat (SCR) domains. This protein is secreted into the bloodstream and has an essential role in the regulation of complement activation, restricting this innate defense mechanism to microbial infections. Mutations in this gene have been associated with hemolytic-uremic syndrome (HUS) and chronic hypocomplementemic nephropathy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Product Categories/Family for anti-CFH antibody	Immunology
References	Dieterich, R., et al. Infect. Immun. 78(11):4467-4476(2010) Sofat, R., et al. Atherosclerosis 213(1):184-190(2010) Davila, S., et al. Nat. Genet. 42(9):772-776(2010) Scambi, C., et al. PLoS ONE 5 (8), E12162 (2010) : Bunkenborg, J., et al. Proteomics 4(2):454-465(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	62739186
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NCBI GeneID	3075
NCBI Accession #	NP_000177.2
NCBI GenBank Nucleotide #	NM_000186.3
UniProt Accession #	P08603; P78435; Q14570; Q2TAZ5; Q38G77; Q5TFM3; Q8N708; Q9NU86; A5PL14
Molecular Weight	139096
NCBI Official Full Name	complement factor H isoform a
NCBI Official Synonym Full Names	complement factor H
NCBI Official Symbol	CFH
NCBI Official Synonym Symbols	FH; HF; HF1; HF2; HUS; FHL1; AHUS1; AMBP1; ARMD4; ARMS1; CFHL3
NCBI Protein Information	complement factor H
UniProt Protein Name	Complement factor H
UniProt Gene Name	CFH
UniProt Synonym Gene Names	HF; HF1; HF2
UniProt Entry Name	CFAH_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://www.aaabiotech.com/polyclonal/cfh-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/284352>