

Rabbit anti-Human CFHR5 Polyclonal Antibody | anti-CFHR5 antibody

CFHR5 Antibody (Center)

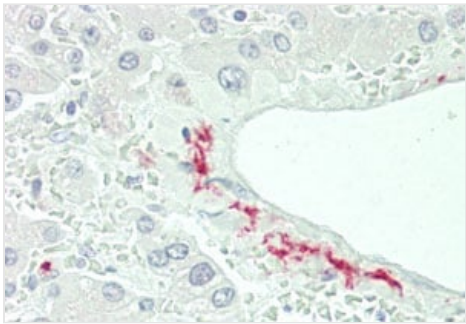
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286806	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

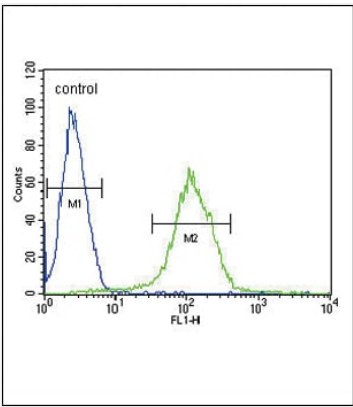
CFHR5; Polyclonal Antibody; CFHR5 Antibody (Center); Complement factor H-related protein 5; FHR-5; CFHL5; FHR5; anti-CFHR5 antibody

PRODUCT SPECIFICATIONS

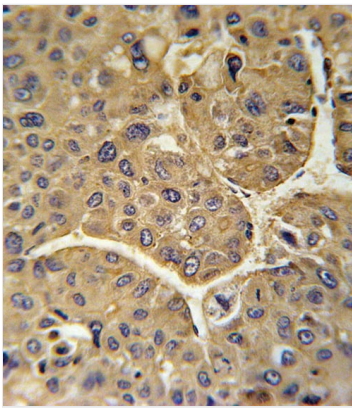
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This CFHR5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 203-231 amino acids from the Central region of human CFHR5.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	203-231
Sequence Length	569
Applicable Applications for anti-CFHR5 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Involved in complement regulation. The dimerized forms have avidity for tissue-bound complement fragments and efficiently compete with the physiological complement inhibitor CFH.
Cellular Location	Secreted.
Tissue Location	Expressed by the liver and secreted in plasma.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



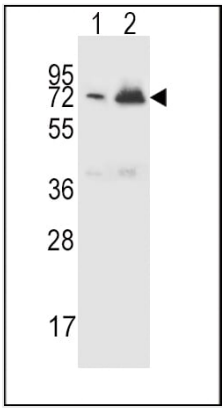
IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded H.liver tissue reacted with CFHR5 Antibody (Center) (AAA286806).



FCM/FACS (Flow Cytometry)
CFHR5 Antibody (Center) (AAA286806) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
CFHR5 Antibody (Center) (AAA286806) 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 CFHR5 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CFHR5 Antibody (Center) (AAA286806) western blot analysis in CEM(lane 1),K562(lane 2) cell line lysates (15ug/lane). This demonstrates the CFHR5 antibody detected the CFHR5 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CFHR5 antibody	CFHR5 is a member of a small complement factor H (CFH) gene cluster on chromosome 1. Each member of this gene family contains multiple short consensus repeats (SCRs) typical of regulators of complement activation. The protein encoded by this gene has nine SCRs with the first two repeats having heparin binding properties, a region within repeats 5-7 having heparin binding and C reactive protein binding properties, and the C-terminal repeats being similar to a complement component 3 b (C3b) binding domain. This protein co-localizes with C3, binds C3b in a dose-dependent manner, and is recruited to tissues damaged by C-reactive protein. Allelic variations in this gene have been associated, but not causally linked, with two different forms of kidney disease: membranoproliferative glomerulonephritis type II (MPGNII) and hemolytic uraemic syndrome (HUS). [provided by RefSeq].
Product Categories/Family for anti-CFHR5 antibody	Immunology
References	McRae, J.L., et al. <i>Genetica</i> 114(2):157-161(2002) Murphy, B., et al. <i>Am. J. Kidney Dis.</i> 39(1):24-27(2002) Narkio-Makela, M., et al. <i>Clin. Immunol.</i> 100(1):118-126(2001) McRae, J.L., et al. <i>J. Biol. Chem.</i> 276(9):6747-6754(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540563
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NCBI GeneID	81494
NCBI Accession #	NP_110414.1
NCBI GenBank Nucleotide #	NM_030787.3
UniProt Accession #	Q9BXR6; Q2NKK2
Molecular Weight	Calculated MW: 64419
NCBI Official Full Name	complement factor H-related protein 5
NCBI Official Synonym Full Names	complement factor H-related 5
NCBI Official Symbol	CFHR5
NCBI Official Synonym Symbols	FHR5; CFHL5; FHR-5; CFHR5D
NCBI Protein Information	complement factor H-related protein 5
UniProt Protein Name	Complement factor H-related protein 5
UniProt Gene Name	CFHR5
UniProt Synonym Gene Names	CFHL5; FHR5; FHR-5
UniProt Entry Name	FHR5_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/cfhr5-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286806>