

Rabbit CFHR1 Polyclonal Antibody | anti-CFHR1 antibody

CFHR1 Antibody

CATALOG # AAA326815	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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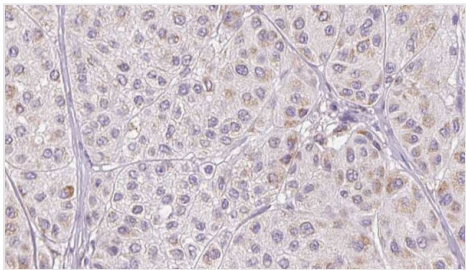
PRODUCT SYNONYMS

CFHR1; Polyclonal Antibody; CFHR1 Antibody; CFHL; CFHL1; CFHL1P; CFHR1P; Complement factor H related 1; Complement factor H related 1 pseudogene; Complement factor H related protein 1 precursor; Complement factor H-related protein 1; FHR 1; FHR-1; FHR1; FHR1_HUMAN; H factor (complement) like 1; H factor (complement) like 2; H factor like protein 1; H factor-like protein 1; H-factor-like 1; H36 1; H36 2; H36; HFL1; HFL2; MGC104329; anti-CFHR1 antibody

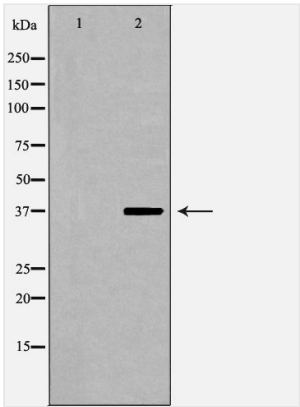
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CFHR1 antibody detects endogenous levels of total CFHR1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	330
Applicable Applications for anti-CFHR1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CFHR1
Subcellular Location	Secreted.
Tissue Specificity	Expressed by the liver and secreted in plasma.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326815 at 1/100 staining Human melanoma tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of HepG2, using CFHR1 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CFHR1 antibody	Description: This gene encodes a secreted protein belonging to the complement factor H protein family. It binds to <i>Pseudomonas aeruginosa</i> elongation factor Tuf together with plasminogen, which is proteolytically activated. It is proposed that Tuf acts as a virulence factor by acquiring host proteins to the pathogen surface, controlling complement, and facilitating tissue invasion. Mutations in this gene are associated with an increased risk of atypical hemolytic-uremic syndrome. Function: Involved in complement regulation. The dimerized forms have avidity for tissue-bound complement fragments and efficiently compete with the physiological complement inhibitor CFH. Can associate with lipoproteins and may play a role in lipid metabolism. Subunit Structure: Head-to-tail homodimer and heterodimer with CFHR2 or CFHR5. Post-translational Modifications: N-glycosylated. Two forms are observed; one with a single side chain and the other with two.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118442839
NCBI GeneID	3078
NCBI Accession #	NP_002104.2
NCBI GenBank Nucleotide #	NM_002113.2
UniProt Accession #	Q03591; Q3B774; Q9UJ17; A8K465
Molecular Weight	Observed: 38 kDa Predicted: 38 kDa
NCBI Official Full Name	complement factor H-related protein 1
NCBI Official Synonym Full Names	complement factor H related 1
NCBI Official Symbol	CFHR1
NCBI Official Synonym Symbols	CFHL; FHR1; HFL1; HFL2; CFHL1; H36-1; H36-2; CFHL1P; CFHR1P
NCBI Protein Information	complement factor H-related protein 1
UniProt Protein Name	Complement factor H-related protein 1
UniProt Gene Name	CFHR1
UniProt Synonym Gene Names	CFHL; CFHL1; CFHL1P; CFHR1P; FHR1; HFL1; HFL2; FHR-1; H-factor-like 1

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/cfhr1-antibody-immunohistochemistry-western-blot-elisa/326815>