



Datasheet for ABIN2854706
anti-Complement Factor H antibody



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3 Images

Overview

Quantity:	100 µL
Target:	Complement Factor H (CFH)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Complement Factor H antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human Factor H. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Factor H (complement factor H) Factor H antibody [N3C1], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Complement Factor H (CFH)
Alternative Name:	complement factor H (CFH Products)

Target Details

Background: 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.

Cellular Localization: Secreted

Molecular Weight: 139 kDa

Gene ID: 3075

UniProt: [P08603](#)

Pathways: [Complement System](#), [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: WB: 1:500-1:10000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: human plasma

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

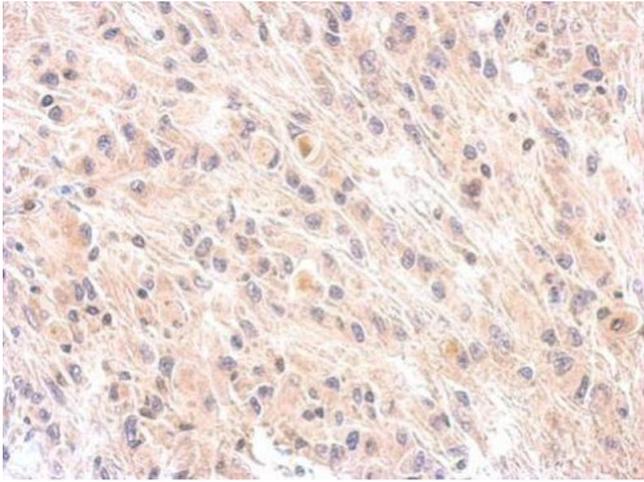
Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

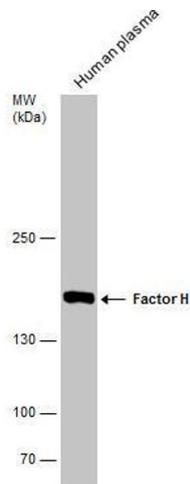
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



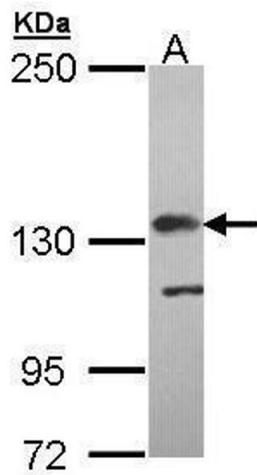
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded U373 xenograft, using Factor H, antibody at 1:200 dilution.



Western Blotting

Image 2. WB Image Human tissue extract (30 µg) was separated by 5% SDS-PAGE, and the membrane was blotted with Factor H antibody [N3C1], Internal, diluted at 1:500.



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A: Molt-4, 5% SDS PAGE antibody diluted at 1:5000