

CFHR1

Reactivity:Human Mouse

Tested applications:WB IHC

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW:38kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human CFHR1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CFHL; FHR1; HFL1; HFL2; CFHL1; H36-1; H36-2; CFHL1P; CFHR1P;

Catalog #:A2743

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:3078

Isotype:IgG

Swiss Prot:Q03591

Purity:Affinity purification

For research use only.

Background:

This gene encodes a secreted protein belonging to the complement factor H protein family. It binds to *Pseudomonas aeruginosa* 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.

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