

CFHR1 Rabbit pAb

Catalog No.: A2743

Basic Information

Observed MW

43kDa

Calculated MW

38kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3078

Swiss Prot

Q03591

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

H36; CFHL; FHR1; HFL1; HFL2; CFHL1; FHL-1; FHR-1; H36-1; H36-2; CFHL1P; CFHR1P; CFHR1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

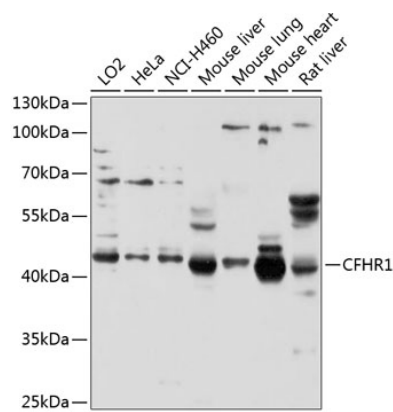
Purification

Affinity purification

Storage

Store at -20°C

Validation Data



Western blot analysis of various lysates using CFHR1 Rabbit pAb (A2743) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.