

## CFHR1 RABBIT PAB

**Cat.#:** S216550

**Product Name:** Anti-CFHR1 Rabbit Polyclonal Antibody

**Synonyms:** CFHL, FHR1, HFL1, HFL2, CFHL1, H36-1, H36-2, CFHL1P, CFHR1P

**UNIPROT ID:** Q03591 (Gene Accession - BC016755 )

**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.

**Immunogen:** Fusion protein of human CFHR1

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

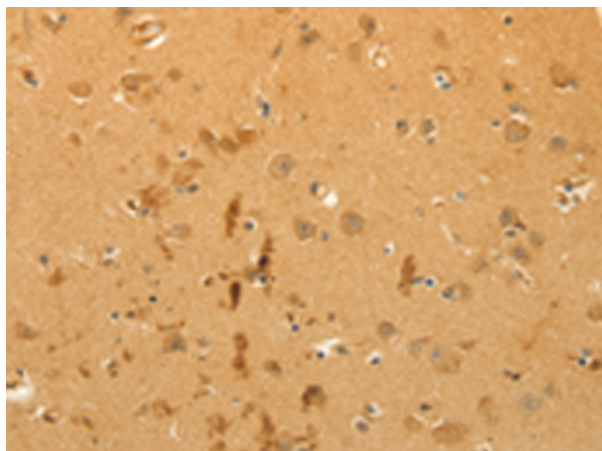
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

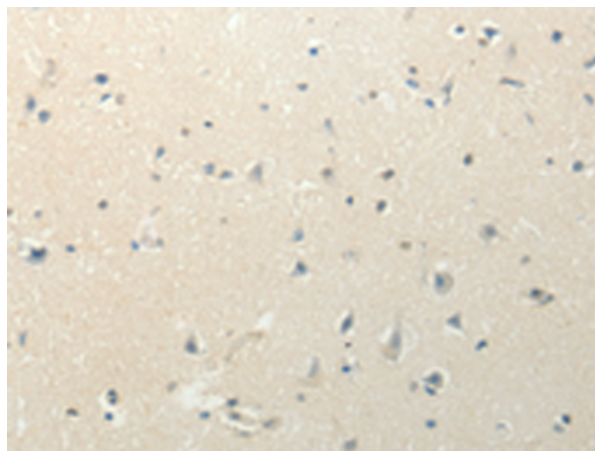
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cardiovascular, Immunology

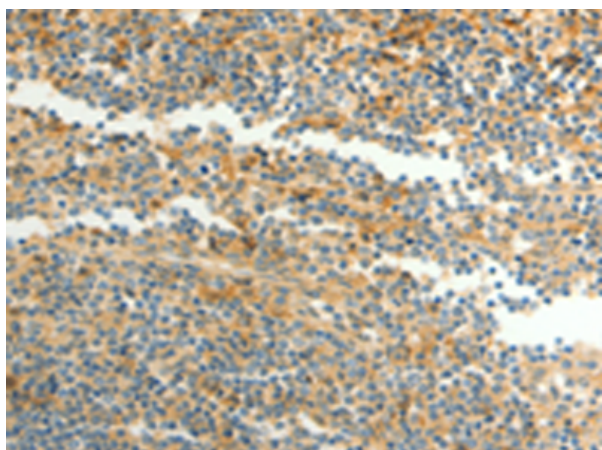
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



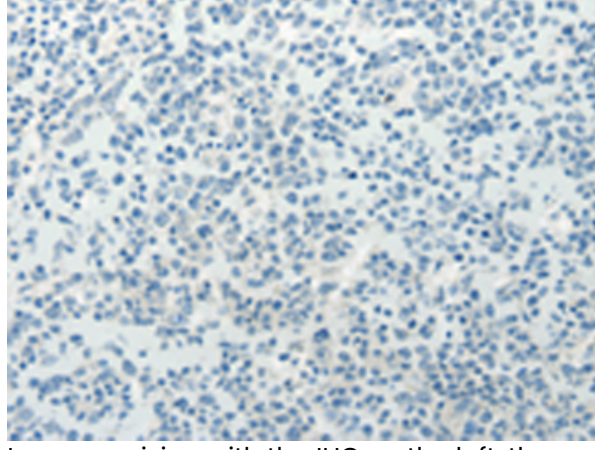
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 216550(CFHRI Antibody) at a dilution of 1/40(Cytoplasm).



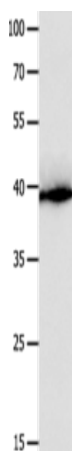
In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the fusion protein and then with 216550(Anti-CFHRI Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 216550(Anti-CFHRI Antibody) at a dilution of 1/40.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D220737(Anti-CFHRI Antibody) at dilution 1/40.



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
Lane: Human liver cancer tissue;  
Primary antibody: 216550(CFHRI Antibody) at dilution 1/300;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 30 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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