

AP54862PU-N**Polyclonal Antibody to Complement factor I - Purified****Alternate names:**

AHUS3, C3B/C4B inactivator, C3BINA, C3b-INA, CFI, IF, KAF

Quantity:

0.1 mg

Background:

Defects in CFI are a cause of susceptibility to hemolytic uremic syndrome atypical type 3 (AHUS3) [MIM:612923]. An atypical form of hemolytic uremic syndrome. It is a complex genetic disease characterized by microangiopathic hemolytic anemia, thrombocytopenia, renal failure and absence of episodes of enterocolitis and diarrhea. In contrast to typical hemolytic uremic syndrome, atypical forms have a poorer prognosis, with higher death rates and frequent progression to end-stage renal disease. Note=Susceptibility to the development of atypical hemolytic uremic syndrome can be conferred by mutations in various components of or regulatory factors in the complement cascade system. Other genes may play a role in modifying the phenotype.

Defects in CFI are the cause of complement factor I deficiency (CFI deficiency) [MIM:610984]. CFI deficiency is an autosomal recessive condition associated with a propensity to pyogenic infections.

Uniprot ID:[P05156](#)**NCBI:**[NP_000195.2](#)**GeneID:**[3426](#)**Host:**

Rabbit

Immunogen:

Synthetic peptide derived from an internal domain of Human CFI

Format:**State:** Lyophilized purified powder**Purification:** Affinity Chromatography on Protein A**Buffer System:** 0.1M Tris, 0.1M Glycine, 2% Sucrose**Preservatives:** None**Reconstitution:** Restore in distilled water.**Applications:****ELISA.****Western Blot:** 1/200-1/2000.**Immunohistochemistry:** 1/50-1/500.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Reacts with 65 kDa CFI protein.

Species Reactivity:**Tested:** Human.**Storage:**

Store lyophilized at 2-8°C for 6 months or at -20°C long term.

After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Skin stained with CFI antibody *Cat.-No*
AP54862PU-N in Immunohistochemistry
on Paraffin Sections

