

CFI polyclonal antibody

Catalog: BS5716

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The complement pathway is an important host defense system that contributes to both innate and acquired immunity. There are three pathways of complement activation: the classical pathway, lectin pathway and alternative pathway. Complement protein Factor I is a key serine protease that modulates the complement cascade by regulating the levels of C3 convertases. It circulates in plasma as a heavily N-glycosylated heterodimer made up of two disulfide linked chains, each carrying three N-linked oligosaccharide chains that may have both structural and functional roles in the interactions with the natural substrate and the cofactor during catalysis. Factor I is a serine protease with a high degree of specificity for C3b and C4b. It requires protein cofactors for cleavage of these complement proteins; Factor H, CR1 or MCP are required for C3b cleavage, and C4bp or CR1 are required for C4b cleavage.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 88 kDa (Pro), 38 kDa (Light chain)

Swiss-Prot:

P05156

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

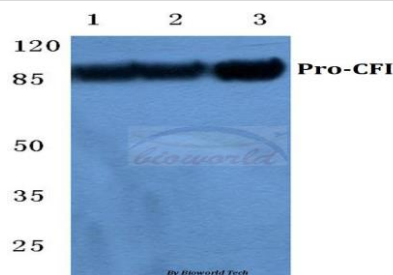
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CFI polyclonal antibody detects endogenous levels of CFI protein.

DATA:



Western blot (WB) analysis of CFI polyclonal antibody at 1:500 dilution

Lane1:HEK293T cell lysate

Lane2:Raw264.7 cell lysate

Lane3:PC12 cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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