10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CFB / Complement Factor B Antibody (aa23-761)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18552

Product Information

Application	WB, IHC-P, E
Primary Accession	P00751
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	85533
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	629
Alias Symbol	CFB
Other Names	CFB, AHUS4, B-factor, properdin, C3/C5 convertase, CFAB, C3 proaccelerator, C3 proactivator, Complement factor B, Complement protein Factor B, Glycine-rich beta-glycoprotein, GBG, Factor B, FB, Glycine-rich beta glycoprotein, PBF2, BF, BFD, FBI12, H2 ...
Target/Specificity	Human CFB / Complement Factor B
Reconstitution & Storage	Caprylic acid and ammonium sulfate precipitation
Precautions	Anti-CFB / Complement Factor B Antibody (aa23-761) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CFB (HGNC:1037)
Synonyms	BF, BFD
Function	Precursor of the catalytic component of the C3 and C5 convertase complexes of the alternative pathway of the complement system, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:3638964, PubMed:624565, PubMed:6554279, PubMed:6919543, PubMed:9748277). The alternative complement pathway acts as an amplification loop that enhances other complement pathways (classical, lectin and GZMK) by promoting formation of additional C3 and C5 convertases (PubMed:3638964, PubMed:624565, PubMed:6554279, PubMed:6919543, PubMed:9748277). CFB

is cleaved and activated by CFD to generate Ba and Bb chains; Bb chain constituting the catalytic component of the C3 and C5 convertases (PubMed:6769474, PubMed:9748277).

Cellular Location Secreted.