

CFB Antibody

Catalog No: #32396

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

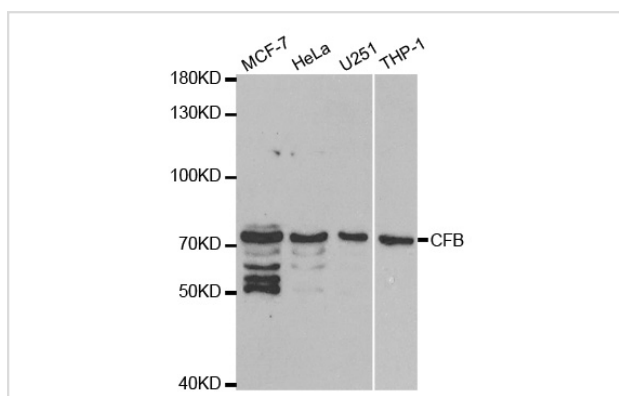
Product Name	CFB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CFB protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human CFB.
Target Name	CFB
Other Names	BF; FB; BFD; GBG; CFAB
Accession No.	Swiss-Prot:P00751NCBI Gene ID:629
SDS-PAGE MW	86KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:100

Images



Western blot analysis of extracts of various cell lines, using CFB antibody.

Background

This gene encodes complement factor B, a component of the alternative pathway of complement activation. Factor B circulates in the blood as a single chain polypeptide. Upon activation of the alternative pathway, it is cleaved by complement factor D yielding the noncatalytic chain Ba and the catalytic

subunit Bb. The active subunit Bb is a serine protease which associates with C3b to form the alternative pathway C3 convertase. Bb is involved in the proliferation of preactivated B lymphocytes, while Ba inhibits their proliferation. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. This cluster includes several genes involved in regulation of the immune reaction. Polymorphisms in this gene are associated with a reduced risk of age-related macular degeneration. The polyadenylation site of this gene is 421 bp from the 5' end of the gene for complement component 2.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.