

Anti-Factor B Antibody

Rabbit polyclonal antibody to Factor B
Catalog # AP60137

Product Information

Application	WB
Primary Accession	P00751
Other Accession	P04186
Reactivity	Human, Mouse, Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	85533

Additional Information

Gene ID	629
Other Names	BF; BFD; Complement factor B; C3/C5 convertase; Glycine-rich beta glycoprotein; GBG; PBF2; Properdin factor B
Target/Specificity	Recognizes endogenous levels of Factor B protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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).

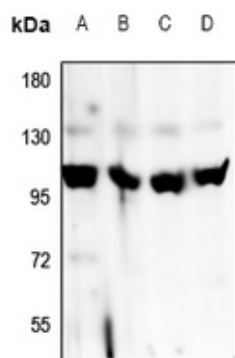
Cellular Location

Secreted.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Factor B. The exact sequence is proprietary.

Images



Western blot analysis of Factor B expression in A549 (A), HepG2 (B), PC12 (C), CT26 (D) whole cell lysates.

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