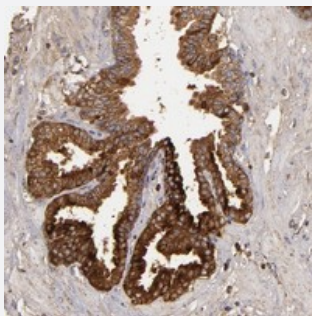


CFB polyclonal antibody

Catalog # PAB20089 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate with CFB polyclonal antibody (Cat # PAB20089) shows strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant CFB.
Immunogen	Recombinant protein corresponding to amino acids of human CFB.
Sequence	RTCQEGGSWSGTEPSCQDSFMYDTPQEVAEAFSSLTETIEGVDAEDGHGPGEEQQKRKVLDP SGSMNIYLVDGSDSIGASNFTGAKKCLVNLIEKVASYGVKPRYGLVTYATYPKIWVKVSEADSSN ADWVTKQLNEINYEDHKL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate with CFB polyclonal antibody (Cat # PAB20089) shows strong cytoplasmic positivity in glandular cells at 1:200-1:500 dilution.

Gene Info — CFB

Entrez GeneID[629](#)**Protein Accession#**[P00751](#)**Gene Name**

CFB

Gene Alias

BF, BFD, CFAB, FB, FB12, GBG, H2-Bf, PBF2

Gene Description

complement factor B

Omim ID[138470 603075](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

B-factor, properdin|C3 proaccelerator|C3 proactivator|C3/C5 convertase|OTTHUMP00000029283|OTTHUMP00000174690|glycine-rich beta-glycoprotein

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Ataxia telangiectasia](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
- [Choroiditis](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hemolytic-Uremic Syndrome](#)
- [HIV Infections](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)

- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Obesity](#)
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- [Retinal Diseases](#)
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- [Spinocerebellar ataxia](#)
- [Vision](#)