

Rabbit CFP Polyclonal Antibody | anti-CFP antibody

CFP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327021	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

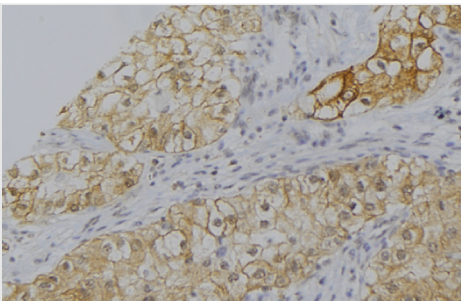
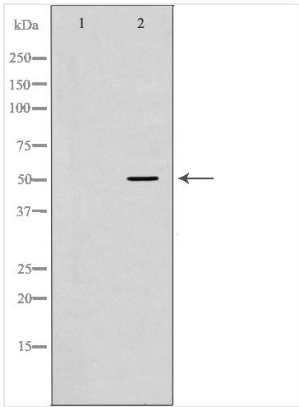
PRODUCT SYNONYMS

CFP; Polyclonal Antibody; CFP Antibody; BFD; Complement factor P; Complement factor properdin; Factor P; PFC; PFD; PROP_HUMAN; Properdin; Properdin P factor complement; anti-CFP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CFP antibody detects endogenous levels of total CFP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	469
Applicable Applications for anti-CFP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CFP
Subcellular Location	Secreted.
Predicted Cross Reactivity	Horse
Similarity	Horse (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327021 at 1/100 staining Human uterus tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of 293T whole cell lysates, using CFP Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CFP antibody

Description: This gene encodes a plasma glycoprotein that positively regulates the alternative complement pathway of the innate immune system. This protein binds to many microbial surfaces and apoptotic cells and stabilizes the C3-and C5-convertase enzyme complexes in a feedback loop that ultimately leads to formation of the membrane attack complex and lysis of the target cell. Mutations in this gene result in two forms of properdin deficiency, which results in high susceptibility to meningococcal infections. Multiple alternatively spliced variants, encoding the same protein, have been identified.

Function: A positive regulator of the alternate pathway of complement. It binds to and stabilizes the C3-and C5-convertase enzyme complexes.

Subunit Structure: In plasma, properdin exists as dimers, trimers or tetramers in the relative proportions of 26:54:20.

Similarity: TSP type-1 domains 0 and 6 bind to each other and mediate multimerization.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223671861
NCBI GeneID	5199
NCBI Accession #	NP_001138724.1
NCBI GenBank Nucleotide #	NM_001145252.1
UniProt Accession #	P27918; O15134; O15135; O15136; O75826
Molecular Weight	Observed: 51 kDa Predicted: 52 kDa
NCBI Official Full Name	properdin
NCBI Official Synonym Full Names	complement factor properdin
NCBI Official Symbol	CFP
NCBI Official Synonym Symbols	BFD; PFC; PFD; PROPERDIN
NCBI Protein Information	properdin
UniProt Protein Name	Properdin
UniProt Gene Name	CFP
UniProt Synonym Gene Names	PFC

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cfp-antibody-immunohistochemistry-western-blot-elisa/327021>