

Datasheet for ABIN2786672
anti-CFP antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	CFP
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CFP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CFP
Sequence:	SMVEGQGEKN VTFWGRPLPR CEELQGQKLK VEEKRPCLHV PACKDPEEEE
Predicted Reactivity:	Cow: 83%, Dog: 79%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against CFP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CFP
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Target Details

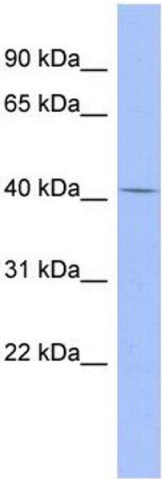
Alternative Name:	CFP (CFP Products)
Background:	CFP is a plasma glycoprotein that positively regulates the alternative complement pathway of the innate immune system. This protein binds to many microbial surfaces and apoptotic cells and stabilizes the C3- and C5-convertase enzyme complexes in a feedback Alias Symbols: BFD, PFC, PFD, PROPERDIN Protein Interaction Partner: ELAVL1, CFB, C3, MTOR, Protein Size: 469
Molecular Weight:	48 kDa
Gene ID:	5199
NCBI Accession:	NM_002621 , NP_002612
UniProt:	P27918
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 469 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-CFP Antibody Titration: 0.2-1 ug/ml

ELISA Titer: 1:1562500

Positive Control: Human Thymus