

Rabbit CFD Polyclonal Antibody | anti-CFD antibody

CFD Antibody (N-term)

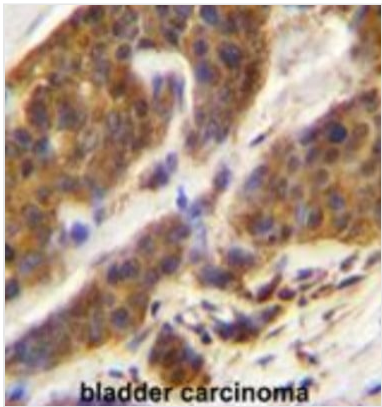
CATALOG # AAA28667	HOST Rabbit	REACTIVITY Human (Predicted Reactivity: Pig, Bovine)	APPLICATIONS Western Blot, ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

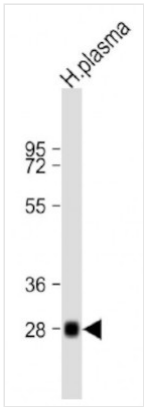
CFD; Polyclonal Antibody; CFD Antibody (N-term); Complement factor D; Adipsin; C3 convertase activator; Properdin factor D; DF; PFD; anti-CFD antibody

PRODUCT SPECIFICATIONS

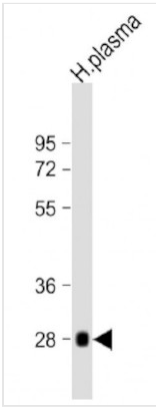
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Pig, Bovine)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This CFD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 68-99 amino acids from the N-terminal region of human CFD.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	68-99
Sequence Length	253
Applicable Applications for anti-CFD antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry)
Application Notes	WB~~1:1000 IHC-p~~1:50~100
Function	Factor D cleaves factor B when the latter is complexed with factor C3b, activating the C3bbb complex, which then becomes the C3 convertase of the alternate pathway. Its function is homologous to that of C1s in the classical pathway.
Cellular Location	Secreted
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



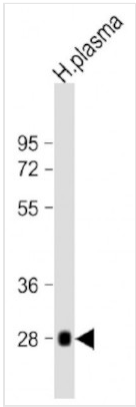
IHC (Immunohistochemistry)
CFDA Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of CFDA Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



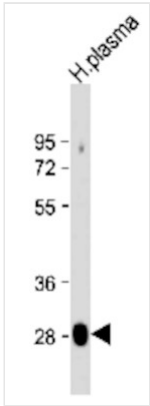
WB (Western Blot)
Anti-CFDA Antibody (N-term)at 1:2000 dilution + human plasma lysates Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 27 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



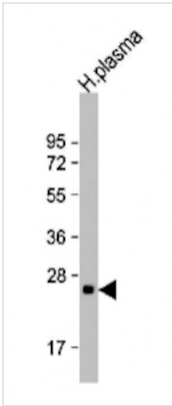
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ADDITIONAL INFORMATION

Related Product Information for anti-CFD antibody	The protein encoded by this gene is a member of the trypsin family of peptidases. The encoded protein is a component of the alternative complement pathway best known for its role in humoral suppression of infectious agents. This protein is also a serine protease that is secreted by adipocytes into the bloodstream. Finally, the encoded protein has a high level of expression in fat, suggesting a role for adipose tissue in immune system biology.
Product Categories/Family for anti-CFD antibody	Immunology
References	Bailey, S.D., et al. Diabetes Care (2010) In press : Hietaharju, A., et al. Eur. J. Neurol. 17(2):332-334(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Ciprandi, G., et al. Int. Immunopharmacol. 9(12):1460-1463(2009) Cerhan, J.R., et al. Br. J. Haematol. 145(5):614-623(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	42544239
NCBI GeneID	1675
NCBI Accession #	NP_001919.2
NCBI GenBank Nucleotide #	NM_001928.2
UniProt Accession #	P00746 ; Q5U5S1 ; Q86VJ5 ; Q8N4E0 ; Q8WZB4 ; B4DV76
NCBI Official Full Name	complement factor D preproprotein
NCBI Official Synonym Full Names	complement factor D (adipsin)
NCBI Official Symbol	CFD
NCBI Official Synonym Symbols	DF; ADN; PFD; ADIPSIN
NCBI Protein Information	complement factor D
UniProt Protein Name	Complement factor D
UniProt Gene Name	CFD
UniProt Synonym Gene Names	DF; PFD
UniProt Entry Name	CFAD_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cfd-antibody-western-blot-immunohistochemistry-elisa/28667>