

Rabbit anti-Human ficolin 1/FCN1 Polyclonal Antibody | anti-FCN1 antibody

Anti-ficolin 1/FCN1 Antibody, Rabbit Polyclonal

CATALOG # AAA255254	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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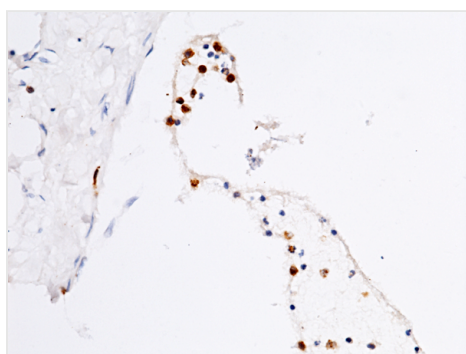
PRODUCT SYNONYMS

ficolin 1/FCN1; Polyclonal Antibody; Anti-ficolin 1/FCN1 Antibody; Rabbit Polyclonal; Ficolin-1/Ficolin-A/FCN1 Antibody; Rabbit PAb; Antigen Affinity Purified; ficolin 1; Anti-FCN1 Antibody; Anti-FCNA Antibody; Anti-FCNM Antibody; anti-FCN1 antibody

PRODUCT SPECIFICATIONS

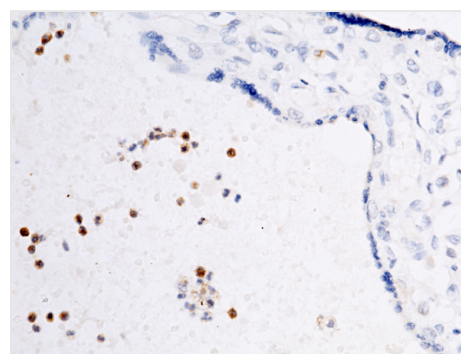
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Ficolin-1/Ficolin-A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FCN1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human FCN1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human FCN1 (rh FCN1). FCN1 specific IgG was purified by human FCN1 affinity chromatography .
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human FCN1 in human liver with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections). Positive staining was localized to peripheral blood leukocytes.



IHC (Immunohistochemistry)

Immunochemical staining of human FCN1 in human placenta with rabbit polyclonal antibody (1:5000, formalin-fixed paraffin embedded sections). Positive staining was localized to peripheral blood leukocytes.

ADDITIONAL INFORMATION

Related Product Information for anti-FCN1 antibody	Ficolins are humoral molecules of the innate immune systems which recognize carbohydrate molecules on pathogens, apoptotic and necrotic cells. The Ficolin family of proteins are characterized by the presence of a leader peptide, a short N-terminal segment, followed by a collagen-like region, and a C-terminal fibrinogen-like domain. Ficolins are humoral molecules of the innate immune systems which recognize carbohydrate molecules on pathogens, apoptotic and necrotic cells. Three Ficolins have been identified in humans: L-Ficolin, H-Ficolin and M-Ficolin (also referred to as Ficolin-2, -3 and -1, respectively). They are soluble oligomeric defence proteins with lectin-like activity and they are structurally similar to the human collectins, mannan-binding lectin (MBL) and surfactant protein A and D. Dysfunction or abnormal expressions of Ficolins may involved in the pathogenesis of human diseases including infectious and inflammatory diseases, autoimmune disease and clinical syndrome of preeclampsia. They are soluble oligomeric defence proteins with lectin-like activity and they are structurally similar to the human collectins, mannan-binding lectin (MBL) and surfactant protein A and D. Upon recognition of the infectious agent, the Ficolins act through two distinct routes: initiate the lectin pathway of complement activation through attached serine proteases (MASPs), and a primitive opsonophagocytosis thus limiting the infection and concurrently orchestrating the subsequent adaptive clonal immune response. Ficolin-1 (FCN1) is predominantly expressed in the peripheral blood leukocytes.
References	Thiel S. (2007) Complement activating soluble pattern recognition molecules with collagen-like regions, mannan-binding lectin, ficolins and associated proteins. Mol Immunol. 44(16): 3875-88. Zhang XL, et al. (2008) Ficolins: structure, function and associated diseases. Adv Exp Med Biol. 632: 105-15. Garred P, et al. (2009) MBL2, FCN1, FCN2 and FCN3-The genes behind the initiation of the lectin pathway of complement. Mol Immunol. 46(14): 2737-44.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8051584
NCBI GeneID	2219
NCBI Accession #	NP_001994.2
NCBI GenBank Nucleotide #	NM_002003.4
UniProt Accession #	O00602; Q5VYV5; Q92596
Molecular Weight	35,078 Da
NCBI Official Full Name	ficolin-1
NCBI Official Synonym Full Names	ficolin 1
NCBI Official Symbol	FCN1
NCBI Official Synonym Symbols	FCNM
NCBI Protein Information	ficolin-1
UniProt Protein Name	Ficolin-1
UniProt Gene Name	FCN1
UniProt Synonym Gene Names	FCNM
UniProt Entry Name	FCN1_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/ficolin-1-fcn1-antibody-immunohistochemistry-elisa/255254>