



Rabbit Anti-FCN1 antibody

SL16061R

Product Name:	FCN1
Chinese Name:	FCN1蛋白抗体
Alias:	Collagen/fibrinogen domain containing protein 1; Collagen/fibrinogen domain-containing protein 1; Fcn1; FCN1_HUMAN; FCNM; ficolin (collagen/fibrinogen domain containing) 1; Ficolin 1; Ficolin A; Ficolin alpha; Ficolin-1; Ficolin-A; Ficolin-alpha; M ficolin; M-ficolin.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	32kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FCN1:101-200/326
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. The collagen-like and the fibrinogen-like domains are also found separately in other proteins such as complement protein C1q, C-type lectins

known as collectins, and tenascins. However, all these proteins recognize different targets, and are functionally distinct. Ficolin 1 encoded by FCN1 is predominantly expressed in the peripheral blood leukocytes, and has been postulated to function as a plasma protein with elastin-binding activity. [provided by RefSeq, Jul 2008]

Subunit:

Involved in serum exerting lectin activity. Binds GlcNAc.

Subcellular Location:

Secreted. Found on the monocyte surface.

Tissue Specificity:

Peripheral blood leukocytes. Also detected in spleen, lung, and thymus, may be due to the presence of tissue macrophages or trapped blood in these tissues. Not detected on lymphocytes and granulocytes.

Similarity:

Belongs to the ficolin lectin family.

Contains 1 collagen-like domain.

Contains 1 fibrinogen C-terminal domain.

SWISS:

O00602

Gene ID:

2219

Database links:

[Entrez Gene: 2219](#) Human

[Entrez Gene: 14133](#) Mouse

[Entrez Gene: 83517](#) Rat

[Omim: 601252](#) Human

[SwissProt: O00602](#) Human

[SwissProt: O70165](#) Mouse

[SwissProt: Q9WTS8](#) Rat

[Unigene: 440898](#) Human

[Unigene: 10510](#) Mouse

[Unigene: 20051](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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