SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-FCN1 antibody

Catalog Number: SL16061R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	FCN1
Immunogen:	KLH conjugated synthetic peptide derived from human FCN1: 101-200/326
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat)
Predicted MW.:	32kDa
Subcellular Location:	cytoplasmic
Background:	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.

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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	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. **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

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