

FCN1 Polyclonal Antibody

Catalog No :	YN1961
Reactivity :	Human;Rat;Mouse
Applications :	WB;ELISA
Target :	FCN1
Gene Name :	FCN1 FCNM
Protein Name :	Ficolin-1 (Collagen/fibrinogen domain-containing protein 1) (Ficolin-A) (Ficolin-alpha) (M-ficolin)
Human Gene Id :	2219
Human Swiss Prot No :	O00602
Mouse Swiss Prot No :	O70165
Rat Swiss Prot No :	Q9WTS8
Immunogen :	Synthesized peptide derived from part region of human protein
Specificity :	FCN1 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 35kD

Background :

ficolin 1(FCN1) Homo sapiens 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],

Function :

function:Involved in serum exerting lectin activity. Binds GlcNAc.,similarity:Belongs to the ficolin lectin family.,similarity:Contains 1 collagen-like domain.,similarity:Contains 1 fibrinogen C-terminal domain.,subcellular location:Found on the monocyte surface.,subunit:Homopolymer. Interacts with elastin.,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.,

Subcellular Location :

Secreted . Cell membrane ; Peripheral membrane protein ; Extracellular side . Found on the monocyte and granulocyte surface (PubMed:20400674).

Expression :

Peripheral blood leukocytes, monocytes and granulocytes. 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.

Sort :

19118

No4 :

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