

## **FCN1 Polyclonal Antibody**

YN1961 Catalog No:

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)

O70165

**Human Gene Id:** 2219

**Human Swiss Prot** 

O00602

No:

**Mouse Swiss Prot** 

No:

**Rat Swiss Prot No:** Q9WTS8

Synthesized peptide derived from part region of human protein Immunogen:

FCN1 Polyclonal Antibody detects endogenous levels of protein. **Specificity:** 

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

-15°C to -25°C/1 year(Do not lower than -25°C) **Storage Stability:** 

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.

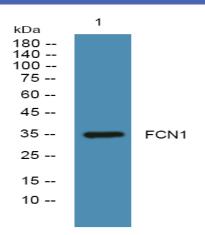
Sort:

19118

No4:

1

## **Products Images**



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night