



FCN2 Polyclonal Antibody

Catalog No	YP-Ab-06887
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	FCN2 FCNL
Immunogen	Synthesized peptide derived from part region of human protein AA range: 41-90
Specificity	FCN2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FCN2;FCNL;Ficolin B;Ficolin beta;Hucolin;FCN2 FCNL;Ficolin-2 (37 kDa elastin-binding protein) (Collagen/fibrinogen domain-containing protein 2) (EBP-37) (Ficolin-B) (Ficolin-beta) (Hucolin) (L-ficolin) (Serum lectin p35)
Observed Band	34kD
Calculated Molecular Weight	34kD
Cell Pathway	Secreted.
Tissue Specificity	Expressed by the liver and secreted in plasma.
Function	domain:The fibrinogen-like domain (FBG) contains potential calcium-binding sites that may be involved in carbohydrate binding.,function:May function in innate immunity through activation of the lectin complement pathway. Calcium-dependent and GlcNAc-binding lectin. Enhances phagocytosis of S.typhimurium by neutrophils, suggesting an opsonic effect via the collagen region.,similarity:Belongs to the ficolin lectin family.,similarity:Contains 1 collagen-like domain.,similarity:Contains 1 fibrinogen C-terminal domain.,subunit:Homopolymer; disulfide-linked. Interacts with elastin. Interacts with MASP1 and MASP2.,tissue specificity:Expressed by the liver and secreted in plasma.,



Background

ficolin 2(FCN2) Homo sapiens The product of this gene belongs to the ficolin family of proteins. This family is 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. This gene is predominantly expressed in the liver, and has been shown to have carbohydrate binding and opsonic activities. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],

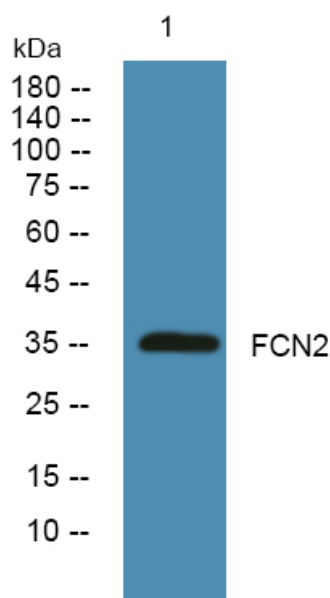
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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