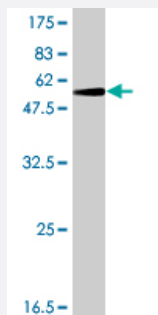


# FCN3 polyclonal antibody (A01)

Catalog # H00008547-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (57.79 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a full-length recombinant FCN3.
<b>Immunogen</b>	FCN3 (AAH20731, 1 a.a. ~ 288 a.a) full-length recombinant protein with GST tag.
<b>Sequence</b>	MDLLWILPSLWLLLLGGPACLKTQEHPSCPGPRELEASKVLLPSCPGAPGSPGEKGAPGPQG PPGPPGKMGPKGEPGPRNCRELLSQGATLSGWYHLCLPEGRALPVFCMDMTEGGGWLVFQRR QDGSVDFFRSWSSYRAGFGNQESEFWLGNENLHQLTLQGNWELRVELEDFNGNRTFAHYATFR LLGEVDHYQLALGKFSEGTAGDSLHLHSGRPLTTYDADHDSSNSNCAVIVHGAWWYASCYRSNL NGRYAVSEAAAHKYGIDWASGRGVGHPYRRVRMMLR
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.79 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — FCN3

Entrez GeneID [8547](#)

GeneBank Accession# [BC020731](#)

Protein Accession# [AAH20731](#)

Gene Name FCN3

Gene Alias FCNH, HAKA1, MGC22543

Gene Description ficolin (collagen/fibrinogen domain containing) 3 (Hakata antigen)

Omim ID [604973](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Ficolins are a group of proteins which consist of a collagen-like domain and a fibrinogen-like domain. In human serum, there are two types of ficolins, both of which have lectin activity. The protein encoded by this gene is a thermolabile beta-2-macroglycoprotein found in all human serum and is a member of the ficolin/opsonin p35 lectin family. The protein, which was initially identified based on its reactivity with sera from patients with systemic lupus erythematosus, has been shown to have a calcium-independent lectin activity. The protein can activate the complement pathway in association with MASPs and sMAP, thereby aiding in host defense through the activation of the lectin pathway. Alternative splicing occurs at this locus and two variants, each encoding a distinct isoform, have been identified. [provided by RefSeq]

**Other Designations** H-ficolin|Hakata antigen|OTTHUMP00000006338|OTTHUMP00000006339|collagen/fibrinogen domain-containing lectin 3 p35|collagen/fibrinogen domain-containing protein 3|ficolin 3|ficolin-3

## Publication Reference

- [The polysaccharide chitosan facilitates the isolation of small extracellular vesicles from multiple biofluids.](#)

Awani Kumar, Surendar Reddy Dhadi, Ngoc-Nu Mai, Catherine Taylor, Jeremy W Roy, David A Barnett, Stephen M Lewis, Anirban Ghosh, Rodney J Ouellette.

Journal of Extracellular Vesicles 2021 Sep; 10(11):e12138.

Application: WB, Human, Human plasma, small extracellular vesicles from Human multiple biofluids

## Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Respiratory Tract Infections](#)