

FCN3 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12561b**Specification**

FCN3 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O75636](#)

FCN3 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 8547

Other Names

Ficolin-3, Collagen/fibrinogen domain-containing lectin 3 p35, Collagen/fibrinogen domain-containing protein 3, Hakata antigen, FCN3, FCNH, HAKA1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FCN3 Antibody (C-term) Blocking peptide - Protein Information

Name FCN3

Synonyms FCNH, HAKA1

Function

May function in innate immunity through activation of the lectin complement pathway. Calcium-dependent and GlcNAc-binding lectin. Has affinity with GalNAc, GlcNAc, D-fucose, as mono/oligosaccharide and lipopolysaccharides from *S.typhimurium* and *S.minnesota*.

Cellular Location

Secreted. Note=Found in blood plasma, bronchus, alveolus and bile duct

Tissue Location

Liver and lung. In liver it is produced by bile duct epithelial cells and hepatocytes. In lung it is produced by both ciliated bronchial epithelial cells and type II alveolar epithelial cells.

FCN3 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

FCN3 Antibody (C-term) Blocking peptide - Images

FCN3 Antibody (C-term) Blocking peptide - Background

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.

FCN3 Antibody (C-term) Blocking peptide - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010) Andersen, T., et al. J. Rheumatol. 36(4):757-759(2009) Ruskamp, J.M., et al. Clin. Exp. Immunol. 155(3):433-440(2009) Lacroix, M., et al. J. Immunol. 182(1):456-465(2009) Munthe-Fog, L., et al. Mol. Immunol. 45(9):2660-2666(2008)