

DATASHEET

Ficolin 3 Rabbit Polyclonal Antibody

CAT. NO. APA15622

KEY FEATURES

| | | | |
|---------------|---|---------------|--------------------|
| Target | Ficolin 3 | Source / Host | Rabbit |
| Reactivity | Human, Mouse, Rat | Clonality | Polyclonal |
| Applications | WB | Conjugation | Unconjugated |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. | | Storage at-20°C |

BACKGROUND

Calcium-dependent lectin, which acts as a pattern recognition receptor that initiates the lectin pathway of the complement system, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system . Specifically recognizes and binds carbohydrates on the pathogen surface, activating the MASP1 serine protease and initiating the proteolytic cascade of the lectin complement pathway . Specifically binds N-Acetylglucosamine (GlcNAc), GalNAc (N-acetylgalactosamine) and D-fucose on the surface of pathogens, as well as mono/oligosaccharide and lipopolysaccharides from S.typhimurium and S.minnesota .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

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|----|----------------|
| WB | 1:500 - 1:2000 |
|----|----------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

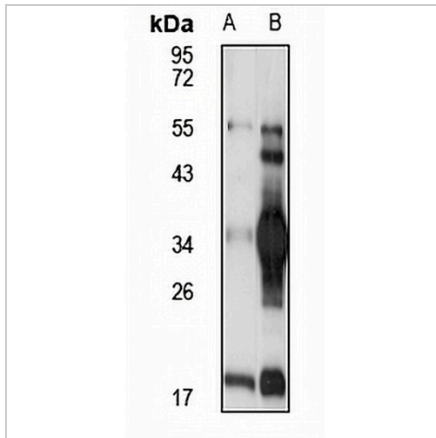
| | |
|-------------------|---|
| Description | Rabbit polyclonal antibody to Ficolin 3 |
| Specificity | Recognizes endogenous levels of Ficolin 3 protein |
| Antibody Type | Primary antibody |
| Immunogen | Recombinant fusion protein of human Ficolin 3. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Molecular Weight | Predicted: 31; Observed: 38 kD |
| Form/Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | FCNH; HAKA1; Ficolin-3; Collagen/fibrinogen domain-containing lectin 3 p35; Collagen/fibrinogen domain-containing protein 3; Hakata antigen |
| Gene Symbol | FCN3 |
| Entrez Gene | 8547(Human) |
| SwissProt | O75636(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Ficolin 3 expression in A549 (A), mouse liver (B) whole cell lysates. (Predicted band size: 31; 32 kD; Observed band size: 38 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.