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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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| | |
|----------------------------|---|
| Product Number | ARP54605_P050-FITC |
| Product Page | www.avivasysbio.com/fcn1-antibody-middle-region-fitc-arp54605-p050-fitc.html |
| Name | FCN1 Antibody - middle region : FITC (ARP54605_P050-FITC) |
| Protein Size (# AA) | 326 amino acids |
| Molecular Weight | 32kDa |
| Conjugation | FITC: Fluorescein Isothiocyanate |
| NCBI Gene Id | 2219 |
| Host | Rabbit |
| Clonality | Polyclonal |
| Concentration | 0.5 mg/ml |
| Gene Full Name | Ficolin (collagen/fibrinogen domain containing) 1 |
| Alias Symbols | FCNM |
| Peptide Sequence | Synthetic peptide located within the following region: GSQLGFEWLGNDNIHALTAQGSSELRVLDLVDFEGNHQFAKYKSFKVADEA |
| Product Format | Liquid. Purified antibody supplied in 1x PBS buffer. |
| Reference | Frankenberger,M., (2008) Mol. Immunol. 45 (5), 1424-1430 |
| Description of Target | <p>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 (FCN1) is predominantly expressed in the peripheral blood leukocytes, and has been postulated to function as a plasma protein with elastin-binding activity. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> |
| Protein Interactions | FCN1; TGFB1; ELN; |
| Reconstitution and Storage | All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding. |
| Datasheets/Manuals | Printable datasheet for anti-FCN1 (ARP54605_P050-FITC) antibody |
| Blocking Peptide | For anti-FCN1 (ARP54605_P050-FITC) antibody is Catalog # AAP54605 (Previous Catalog # AAPP31389) |
| Immunogen | The immunogen is a synthetic peptide directed towards the middle region of human FCN1 |
| Uniprot ID | O00602 |
| Protein Name | Ficolin-1 |
| Protein Accession # | NP_001994 |
| Purification | Affinity Purified |
| Nucleotide Accession # | NM_002003 |
| Gene Symbol | FCN1 |

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| Predicted Species Reactivity | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig |
| Application | WB |
| Predicted Homology Based on Immunogen Sequence | Cow: 85%; Dog: 92%; Guinea Pig: 79%; Horse: 82%; Human: 100%; Mouse: 77%; Pig: 93%; Rat: 86% |
| Image 1 |  |

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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