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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-Biotin
Product Page	www.avivasysbio.com/fcn1-antibody-middle-region-biotin-arp54605-p050-biotin.html
Name	FCN1 Antibody - middle region : Biotin (ARP54605_P050-Biotin)
Protein Size (# AA)	326 amino acids
Molecular Weight	32kDa
Conjugation	Biotin
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-Biotin) antibody
Blocking Peptide	For anti-FCN1 (ARP54605_P050-Biotin) 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

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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