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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54616_P050-Biotin
Product Page	www.avivasysbio.com/fmod-antibody-n-terminal-region-biotin-arp54616-p050-biotin.html
Name	FMOD Antibody - N-terminal region : Biotin (ARP54616_P050-Biotin)
Protein Size (# AA)	376 amino acids
Molecular Weight	43kDa
Conjugation	Biotin
NCBI Gene Id	2331
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Fibromodulin
Alias Symbols	FM, SLRR2E
Peptide Sequence	Synthetic peptide located within the following region: VYFQNNQITSIQEGVFDNATGLLWIALHGNQITSDKVGGRKVFSLRHLER
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Kalamajski,S. (2007) J. Biol. Chem. 282 (37), 26740-26745
Description of Target	Fibromodulin is a member of a family of small interstitial proteoglycans, containing a central region composed of leucine-rich repeats with 4 keratan sulfate chains flanked by disulfide-bonded terminal domains. It may participate in the assembly of the extracellular matrix as it interacts with type I and type II collagen fibrils and inhibits fibrillogenesis in vitro. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix. Fibromodulin is a member of a family of small interstitial proteoglycans, containing a central region composed of leucine-rich repeats with 4 keratan sulfate chains flanked by disulfide-bonded terminal domains. It may participate in the assembly of the extracellular matrix as it interacts with type I and type II collagen fibrils and inhibits fibrillogenesis in vitro. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix. 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.
Protein Interactions	BTBD1; ZBTB32; CUL3; Dlg4; TGFB3; TGFB2; TGFB1;
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-FMOD (ARP54616_P050-Biotin) antibody
Blocking Peptide	For anti-FMOD (ARP54616_P050-Biotin) antibody is Catalog # AAP54616 (Previous Catalog # AAPP31407)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FMOD
Uniprot ID	Q06828
Protein Name	Fibromodulin
Protein Accession #	NP_002014
Purification	Affinity Purified
Nucleotide Accession #	NM_002023
Gene Symbol	FMOD
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two vertical lines at the base that branch out into two diagonal lines at the top, forming two distinct antigen-binding sites.

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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