



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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<b>Product Number</b>	ARP54616_P050-HRP
<b>Product Page</b>	<a href="http://www.avivasysbio.com/fmod-antibody-n-terminal-region-hrp-arp54616-p050-hrp.html">www.avivasysbio.com/fmod-antibody-n-terminal-region-hrp-arp54616-p050-hrp.html</a>
<b>Name</b>	FMOD Antibody - N-terminal region : HRP (ARP54616_P050-HRP)
<b>Protein Size (# AA)</b>	376 amino acids
<b>Molecular Weight</b>	43kDa
<b>Conjugation</b>	HRP: Horseradish Peroxidase
<b>NCBI Gene Id</b>	2331
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	0.5 mg/ml
<b>Gene Full Name</b>	Fibromodulin
<b>Alias Symbols</b>	FM, SLRR2E
<b>Peptide Sequence</b>	Synthetic peptide located within the following region: <a href="#">VYFQNNQITSIQEGVFDNATGLLWIALHGNQITSDKVGKRVFSKLRHLER</a>
<b>Product Format</b>	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
<b>Reference</b>	Kalamajski,S. (2007) J. Biol. Chem. 282 (37), 26740-26745
<b>Description of Target</b>	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.
<b>Protein Interactions</b>	BTBD1; ZBTB32; CUL3; Dlg4; TGFB3; TGFB2; TGFB1;
<b>Reconstitution and Storage</b>	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.
<b>Datasheets/Manuals</b>	Printable datasheet for <a href="#">anti-FMOD (ARP54616_P050-HRP) antibody</a>
<b>Blocking Peptide</b>	For anti-FMOD (ARP54616_P050-HRP) antibody is <a href="#">Catalog # AAP54616</a> (Previous Catalog # AAPP31407)
<b>Immunogen</b>	The immunogen is a synthetic peptide directed towards the N terminal region of human FMOD
<b>Uniprot ID</b>	<a href="#">Q06828</a>
<b>Protein Name</b>	Fibromodulin
<b>Protein Accession #</b>	<a href="#">NP_002014</a>
<b>Purification</b>	Affinity Purified
<b>Nucleotide Accession #</b>	<a href="#">NM_002023</a>
<b>Gene Symbol</b>	<a href="#">FMOD</a>
<b>Predicted Species Reactivity</b>	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
<b>Application</b>	WB

<b>Predicted Homology Based on Immunogen Sequence</b>	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
<b>Image 1</b>	 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.

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Optimal conditions of its use should be determined by end users.

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