Datasheet for ABIN976952

Fibromodulin (FMOD) Peptide

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Overview

Quantity:	100 µg
Target:	Fibromodulin (FMOD)
Origin:	Human
Source:	Synthetic
Application:	Blocking Peptide (BP), Western Blotting (WB)

Product Details

Characteristics:	This is a synthetic peptide designed for use in combination with anti-FMOD antibody (Catalog #: ARP54616_P050). It may block above mentioned antibody from binding to its target protein in western blot and/or immunohistochecmistry under proper experimental settings. There is no guarantee for its use in other applications.
Purification:	Purified

Target Details

Target:	Fibromodulin (FMOD)
Background:	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

Target Details

	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. Alias Symbols: SLRR2E Protein Interaction Partner: TGFB1,TGFB2,TGFB3,TGFB1 Protein Size: 376
Molecular Weight:	41 kDa
Gene ID:	2331
NCBI Accession:	NM_002023, NP_002014
UniProt:	Q06828

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of sterile PBS. Final peptide concentration is 1 mg/mL in PBS.
Concentration:	1 mg/mL
Buffer:	Final peptide concentration is 1 mg/mL in PBS.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.