

Datasheet for ABIN2785800  
**anti-Fibromodulin antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	Fibromodulin (FMOD)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Guinea Pig, Horse, Cow, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Fibromodulin antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FMOD
Sequence:	VYFQNNQITS IQEGVFDNAT GLLWIALHGN QITSDKVGRK VFSKLRHLER
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against FMOD. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	Fibromodulin (FMOD)
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## Target Details

Alternative Name:	FMOD ( <a href="#">FMOD Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: SLRR2E</p> <p>Protein Interaction Partner: BTBD1, ZBTB32, CUL3, Dlg4, TGFB3, TGFB2, TGFB1,</p> <p>Protein Size: 376</p>
Molecular Weight:	43 kDa
Gene ID:	2331
NCBI Accession:	<a href="#">NM_002023</a> , <a href="#">NP_002014</a>
UniProt:	<a href="#">Q06828</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 376 AA
Restrictions:	For Research Use only

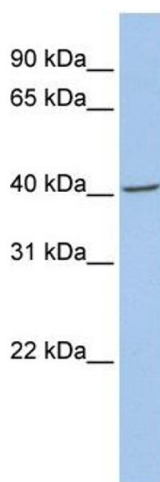
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

## Handling

	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



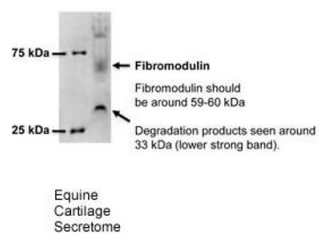
### Western Blotting

#### Image 1. WB Suggested Anti-FMOD Antibody Titration:

0.2-1 ug/ml

**ELISA Titer:** 1:62500

**Positive Control:** 721\_B cell lysate



#### FMOD (ARP54616\_P050)

Western Blot

Sample: Articular cartilage secretome

Species: Equine cartilage explants

Primary dilution: 1:500

Application data in forum

Submitted by:  
Adam Williams  
The University of Nottingham

### Western Blotting

#### Image 2. Sample Type: Equine Cartilage ExplantsPrimary

Dilution: 1:500Secondary: Bio-Rad 170-5046 (Dilution: 1:100,000)