

Rabbit FMOD Polyclonal Antibody | anti-FMOD antibody

FMOD antibody - N-terminal region

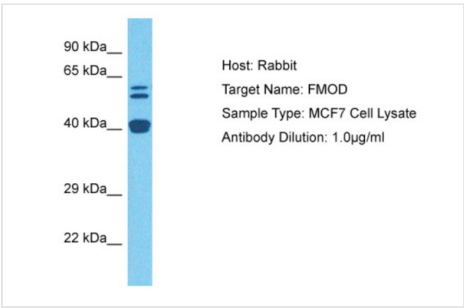
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23557	Rabbit	Tested Species Reactivity: Human, Horse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit	Western Blot

PRODUCT SYNONYMS

FMOD; Polyclonal Antibody; FMOD antibody - N-terminal region; FM; SLRR2E; anti-FMOD antibody

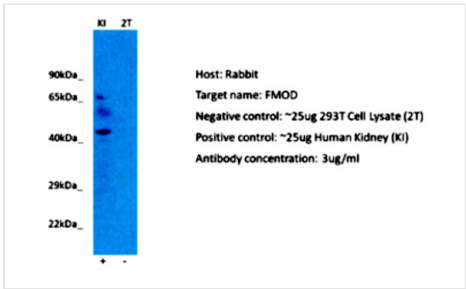
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human, Horse Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer and 0.09% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: VY FQNNQITSIQ EGVFDNATGL LWIALHGNQI TSDKVGRKVF SKLRHLER
Sequence Length	376
Applicable Applications for anti-FMOD antibody	WB (Western Blot)
Application Notes	QC Western Blot (WB): Pass
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human FMOD
Protein Size (# AA)	376 amino acids
Protein Interactions	BTBD1; ZBTB32; CUL3; Dlg4; TGFB3; TGFB2; TGFB1;
Blocking Peptide	For anti-FMOD (AAA23557) antibody is Catalog # ()
Preparation and Storage	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.



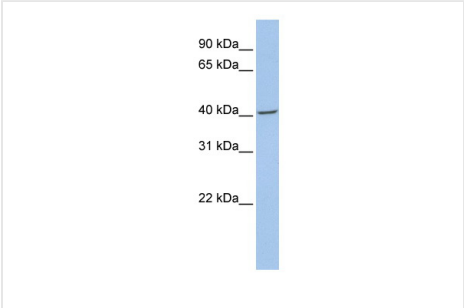
WB (Western Blot)

Host: RabbitTarget Name: FMODSample Tissue: Human MCF7 Whole CellAntibody Dilution: 3ug/ml



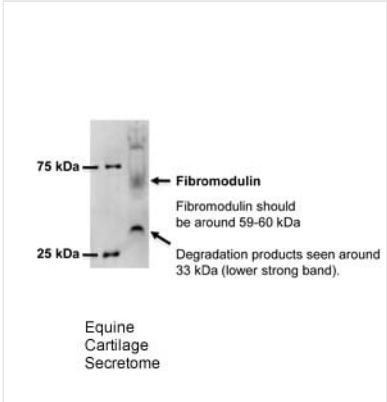
WB (Western Blot)

Host: RabbitTarget: FMODPositive control (+): 293T (2T)Negative control (-): Human kidney (KI)Antibody concentration: 1ug/ml



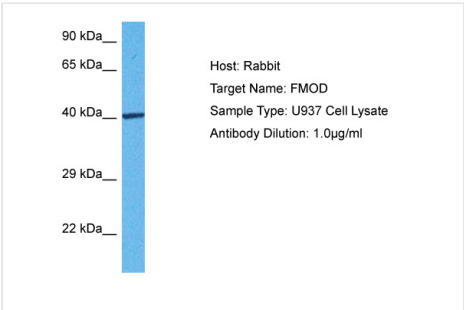
WB (Western Blot)

WB Suggested Anti-FMOD Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:62500Positive Control: 721_B cell lysate



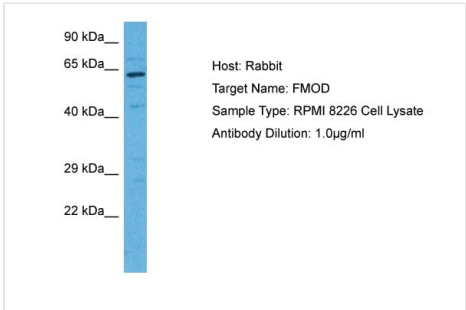
WB (Western Blot)

Sample Type: Equine Cartilage ExplantsPrimary Dilution: 1:500Secondary: Bio-Rad 170-5046 (Dilution: 1:100,000



WB (Western Blot)

Host: RabbitTarget Name: FMODSample Tissue: Human U937 Whole CellAntibody Dilution: 1ug/ml



WB (Western Blot)

Host: RabbitTarget Name: FMODSample Tissue: Human RPMI 8226 Whole CellAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-FMOD antibody

This is a rabbit polyclonal antibody against FMOD. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: 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.

Product Categories/Family for anti-FMOD antibody

Polyclonal; Signal Proteins; Growth Factors & Hormones

NCBI AND UNIPROT INFORMATION

NCBI GI #	71040111
NCBI GeneID	2331
NCBI Accession #	NP_002014
NCBI GenBank Nucleotide #	NM_002023
UniProt Accession #	Q06828
Molecular Weight	43kDa
NCBI Official Full Name	fibromodulin
NCBI Official Synonym Full Names	fibromodulin
NCBI Official Symbol	FMOD
NCBI Official Synonym Symbols	FM; SLRR2E
NCBI Protein Information	fibromodulin
UniProt Protein Name	Fibromodulin
UniProt Gene Name	FMOD
UniProt Synonym Gene Names	FM; SLRR2E; FM
UniProt Entry Name	FMOD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fmod-antibody-western-blot-elisa/23557>