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Fibromodulin Rabbit pAb

Catalog # AP99295

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q06828
Other Accession	Q06828
Reactivity	Rat
Predicted	Human, Mouse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43179
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Fibromodulin
Epitope Specificity	121-180/376
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the small leucine-rich proteoglycan (SLRP) family. SLRP class II subfamily. Contains 11 LRR (leucine-rich) repeats. Contains 1 LRRNT domain.
SUBUNIT	Binds to type I and type II collagen (By similarity).
Post-translational modifications	Binds keratan sulfate chains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Fibromodulin is a ubiquitous protein that is most prominent in articular cartilage, tendon, and ligament. The human Fibromodulin gene maps to chromosome 1q32 and encodes a 376 amino acid protein.

Additional Information

Gene ID	2331
Other Names	FMOD_BOVIN; FMOD; FM; Collagen-binding 59 kDa protein; Keratan sulfate proteoglycan fibromodulin (KSPG fibromodulin); FMOD_HUMAN; SLRR2E; FMOD_MOUSE; FMOD_RAT; fibromodulin; fibromodulin proteoglycan
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FMOD
Synonyms	FM, SLRR2E
Function	Affects the rate of fibrils formation. May have a primary role in collagen fibrillogenesis (By similarity).
Cellular Location	Secreted, extracellular space, extracellular matrix

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.