

FMOD Rabbit pAb

货号: B13444

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	43kDa
实测分子量	45kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	BT-474,Mouse spleen,Rat spleen,Rat skeletal muscle
细胞定位	Secreted,extracellular matrix,extracellular space
纯化	Affinity purification

抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 19-376 of human FMOD (NP_002014.2).
序列	QYEDDPHWWFHYLRSQQSTYYDPYDPYPYETYEPYPYGVDEGPAYTYGSPSPDPRDCPQECDCPPNFPTAMYCDNRNL KYLPFVPSRMKYVYFQNNQITSIQEGVFDNATGLLWIALHGNQITSDKVGRKVFSLRHLERLYLDHNNLTRMPGPLPRSL RELHLDHNQISRVPNNALEGLENTALYLQHNEIQEVGSSMRGLRSLILLDLSYNHLRKVPDGLPSALEQLYMEHNNVYTV DSYFRGAPKLLYVRLSHNSLTNNGLASNTFNSSSLLLELDLSYNQLQKIPPVNTNLENLYLQGNRINEFSISSFCTVVDVNF S KLQVLRLDGNEIKRSAMPADAPLCRLASLIEI

靶点信息

研究背景	Fibromodulin belongs to the family of small interstitial proteoglycans. The encoded protein possesses a central region containing leucine-rich repeats with 4 keratan sulfate chains, flanked by terminal domains containing disulphide bonds. Owing to the interaction with type I and type II collagen fibrils and in vitro inhibition of fibrillogenesis, the encoded protein may play a role in the assembly of extracellular matrix. It may also regulate TGF-beta activities by sequestering TGF-beta into the extracellular matrix. Sequence variations in this gene may be associated with the pathogenesis of high myopia. Alternative splicing results in multiple transcript variants.
基因ID	2331
基因名	FMOD
Swiss	Q06828
别名	FMOD;FM;SLRR2E

产品验证

Western blot analysis of FMOD expressed in Mouse spleen,Rat spleen,BT-474 using FMOD Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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