

Myomesin-2 rabbit pAb

Cat#: orb765754 (Manual)

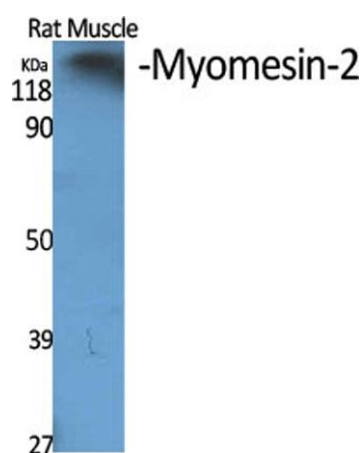
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Product Name	Myomesin-2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Mouse;Monkey
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	The antiserum was produced against synthesized peptide derived from human MYOM2. AA range:612-661
Specificity	Myomesin-2 Polyclonal Antibody detects endogenous levels of Myomesin-2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Myomesin-2
Gene Name	MYOM2
Cellular localization	Cytoplasm, myofibril, sarcomere, M line .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

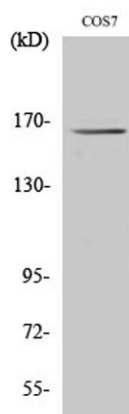
Concentration	1 mg/ml
Observed band	165kD
Human Gene ID	9172
Human Swiss-Prot Number	P54296
Alternative Names	MYOM2; Myomesin-2; 165 kDa connectin-associated protein; 165 kDa titin-associated protein; M-protein; Myomesin family member 2

Background

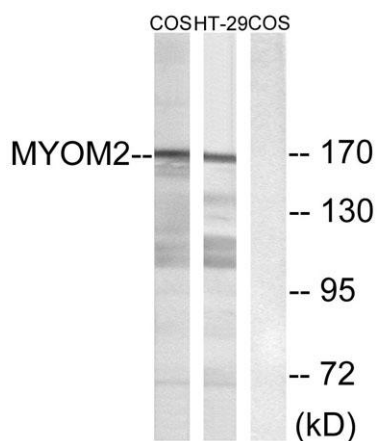
The giant protein titin, together with its associated proteins, interconnects the major structure of sarcomeres, the M bands and Z discs. The C-terminal end of the titin string extends into the M line, where it binds tightly to M-band constituents of apparent molecular masses of 190 kD and 165 kD. The predicted MYOM2 protein contains 1,465 amino acids. Like MYOM1, MYOM2 has a unique N-terminal domain followed by 12 repeat domains with strong homology to either fibronectin type III or immunoglobulin C2 domains. Protein sequence comparisons suggested that the MYOM2 protein and bovine M protein are identical. [provided by RefSeq, Jul 2008],



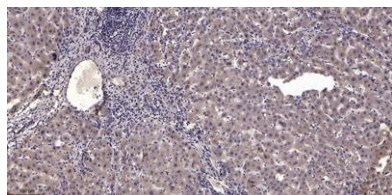
Western Blot analysis of various cells using Myomesin-2 Polyclonal Antibody diluted at 1:500



Western Blot analysis of HT29 cells using Myomesin-2 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from COS7 and HT-29 cells, using MYOM2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).