Best Tools for immunology Research

Myomesin-2 Polyclonal Antibody

Catalog No :	YT2947
Reactivity :	Human;Mouse;Monkey
Applications :	WB;ELISA;IHC
Target :	Myomesin-2
Gene Name :	MYOM2
Protein Name :	Myomesin-2
Human Gene Id :	9172
Human Swiss Prot No :	P54296
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	165kD
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],

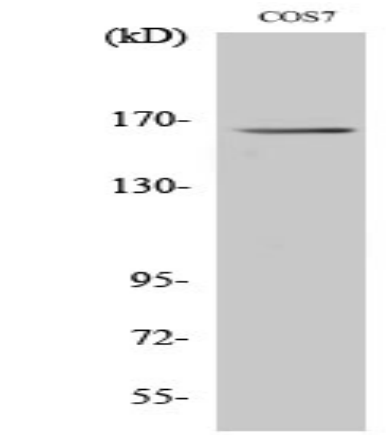
Function : function:Major component of the vertebrate myofibrillar M band. Binds myosin, titin, and light meromyosin. This binding is dose dependent.,similarity:Contains 5 fibronectin type-III domains.,similarity:Contains 5 Ig-like C2-type (immunoglobulin-like) domains.,subunit:Interacts with TTN/titin.,

Subcellular Location : Cytoplasm, myofibril, sarcomere, M line .

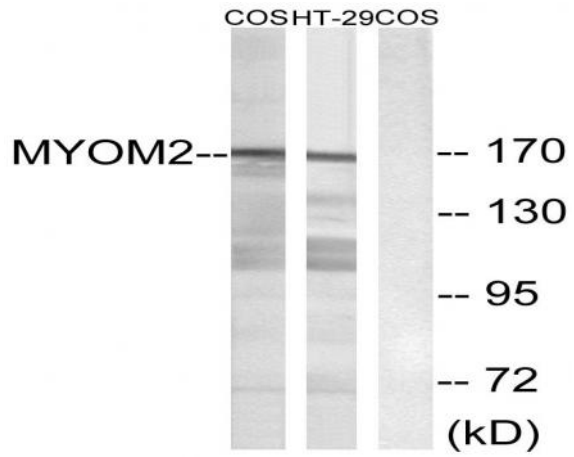
Expression : PNS,Skeletal muscle,

Products Images

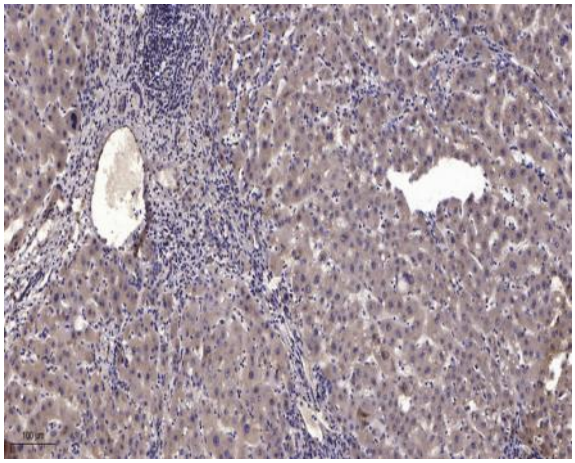
Western Blot analysis of various cells using Myomesin-2 Polyclonal Antibody diluted at 1:500



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).