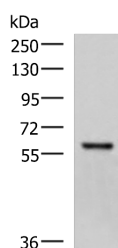


MYOT Polyclonal Antibody

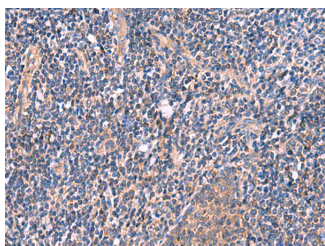
Catalog No.	E-AB-52979	Reactivity	H,M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

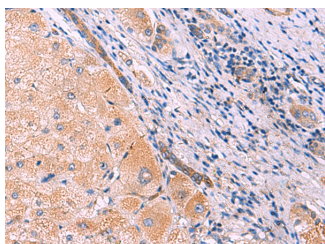
Images



Western blot analysis of Mouse skeletal muscle tissue lysate using MYOT Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Human tonsil tissue using MYOT Polyclonal Antibody at dilution of 1:70(x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MYOT Polyclonal Antibody at dilution of 1:70(x200)

Immunogen Information

Immunogen	Fusion protein of human MYOT
Gene Accession	BC005376
Swissprot	Q9UBF9
Synonyms	57 kDa cytoskeletal protein, LGMD1, LGMD1, Myot, MYOTI, Myotilin, TTID, TTID protein

Product Information

Calculated MW	55 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:1000-1:5000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Background

This gene encodes a cytoskeletal protein which plays a significant role in the stability of thin filaments during muscle contraction. This protein binds F-actin, crosslinks actin filaments, and prevents latrunculin A-induced filament disassembly. Mutations in this gene have been associated with limb-girdle muscular dystrophy and myofibrillar myopathies. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.