

MYOT Polyclonal Antibody

Catalog No. E-AB-52979

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

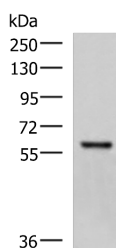
Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human MYOT
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

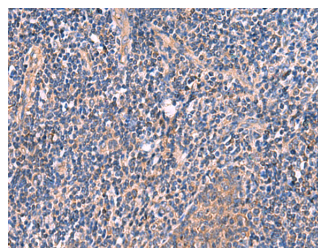
WB	1:1000-1:5000
IHC	1:50-1:300

Data

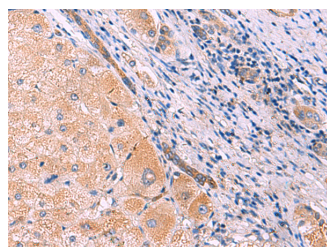


Western blot analysis of Mouse skeletal muscle tissue lysate using MYOT Polyclonal Antibody at dilution of 1:1000

Observed Mw:Refer to figures
Calculated Mw:55 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using MYOT Polyclonal Antibody at dilution of 1:70(×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using MYOT Polyclonal Antibody at dilution of 1:70(×200)

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

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.