

MYOT Polyclonal Antibody

catalog number: E-AB-19065

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

Description

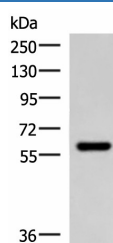
Reactivity	Human;Mouse
Immunogen	Fusion protein of human MYOT
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

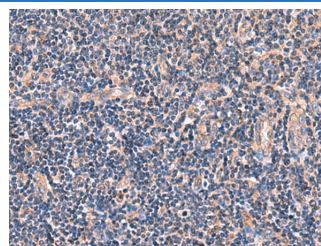
WB	1:1000-1:5000
IHC	1:50-1:300

Data



Western blot analysis of Mouse skeletal muscle tissue lysate using MYOT Polyclonal Antibody at dilution of 1:900

Observed-MV: Refer to figures
Calculated-MV: 55 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using MYOT Polyclonal Antibody at dilution of 1:65(×200)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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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