

MYOT Polyclonal Antibody

catalog number: E-AB-19065

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

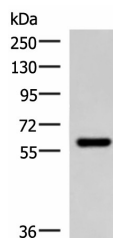
Description

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

Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| WB | 1:1000-1:5000 |
| IHC | 1:50-1:300 |

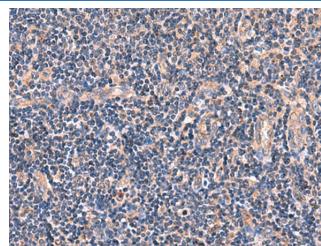
Data



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 (x200)

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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