

MYOT

Reactivity:Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

Calculated MW:55kDa

Observed MW:Refer to Figures

Immunogen:

Recombinant protein of human MYOT

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MF3; TTID; TTOD; LGMD1; LGMD1A;

Catalog #:A6439

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:9499

Isotype:IgG

Swiss Prot:Q9UBF9

Purity:Affinity purification

For research use only.

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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