**Product Datasheet**

# MYOT antibody

Catalog No: #38917

Package Size: #38917-1 50ul #38917-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

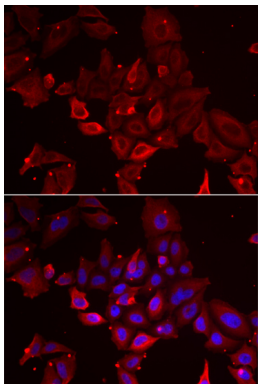
## Description

| | |
|---|---|
| Product Name | MYOT antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | WB,IF |
| Species Reactivity | Human,Mouse,Rat |
| Specificity | The antibody detects endogenous level of total MYOT protein. |
| Immunogen Type | Recombinant Protein |
| Immunogen Description | Recombinant fusion protein of human MYOT (NP_001129412.1). |
| Target Name | MYOT |
| Other Names | MYOT;LGMD1;LGMD1A;MFM3;TTID;TTOD;myotilin |
| Accession No. | Uniprot:Q9UBF9GeneID:9499 |
| Uniprot | Q9UBF9 |
| GeneID | 9499 |
| SDS-PAGE MW | 55kDa |
| Concentration | 1.0mg/ml |
| Formulation | PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Storage | Store at -20°C. Avoid freeze / thaw cycles. |

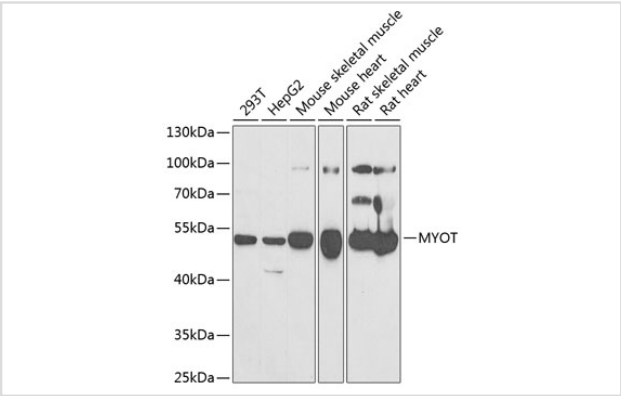
## Application Details

WB□1:500 - 1:2000IF□1:10 - 1:100

## Images



Immunofluorescence analysis of U2OS cells using MYOT antibody.




Western blot analysis of extracts of various cell lines, using MYOT antibody.

## Background

This gene encodes a cystoskeletal 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.

Note: This product is for in vitro research use only