

Datasheet for ABIN6144297
anti-Myotilin antibody (AA 259-314)

3 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Myotilin (MYOT)
Binding Specificity:	AA 259-314
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myotilin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 259-314 of human MYOT (NP_001129412.1).
Sequence:	RPNQTLPAKQLRVRPTFSKYLALNGKGLNVKQAFNPEGEFQRLAAQSGLYESEEL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	Myotilin (MYOT)
Alternative Name:	MYOT (MYOT Products)

Target Details

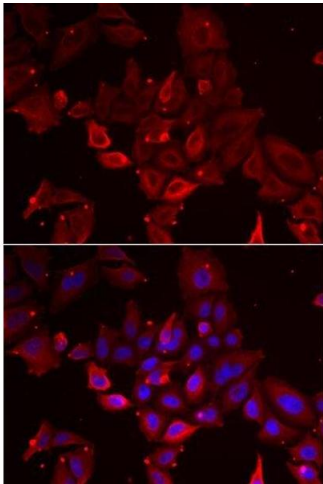
Background:	<p>This gene encodes a cytoskeletal protein which plays a significant role in the stability of thin filaments during muscle contraction. This protein binds F-actin, crosslinks actin filaments, and prevents latrunculin A-induced filament disassembly. Mutations in this gene have been associated 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.,MYOT,LGMD1,LGMD1A,MFM3,TTID,TTOD,myotilin,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Microfilaments,Actins,Cardiovascular,Heart,Contractility,MYOT</p>
Molecular Weight:	35 kDa/55 kDa
Gene ID:	9499
UniProt:	Q9UBF9

Application Details

Application Notes:	WB,1:500 - 1:2000,IF,1:10 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

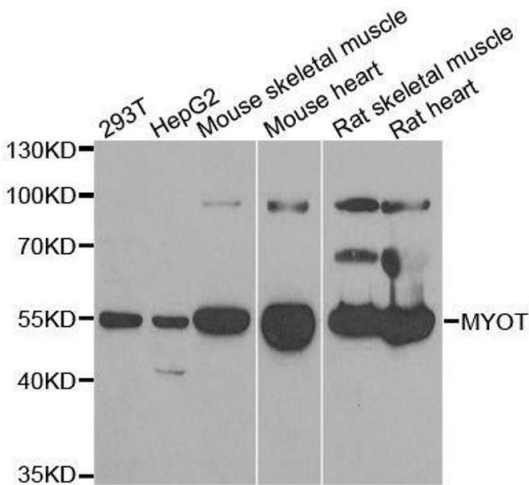
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



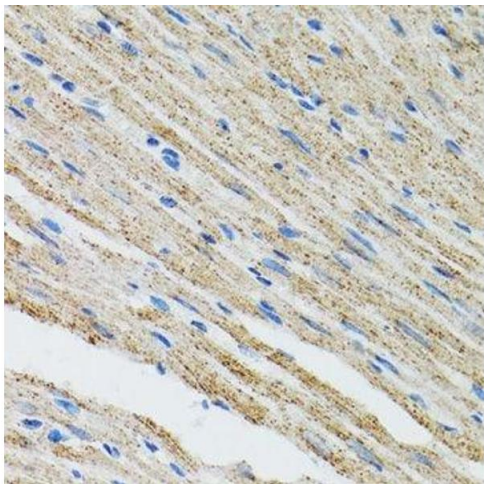
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using MYOT antibody.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using MYOT antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded mouse heart using MYOT antibody.