

Datasheet for ABIN7247258

**anti-Myotilin antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	Myotilin (MYOT)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myotilin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Fusion protein of human MYOT
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

## Target Details

Target:	Myotilin (MYOT)
Alternative Name:	MYOT ( <a href="#">MYOT Products</a> )
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

## Target Details

alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

Molecular Weight: Observed\_MW: Refer to figures  
Calculated\_MW: 55 kDa

UniProt: [Q9UBF9](#)

## Application Details

Application Notes: WB 1:1000-1:5000, IHC 1:50-1:300, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1.14 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

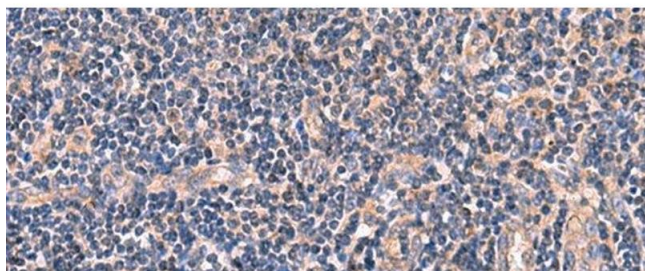
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

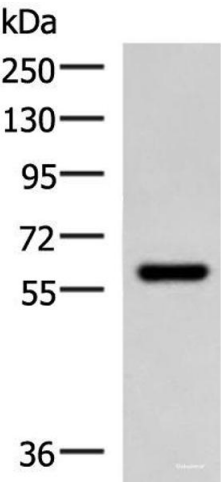
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

## Images



### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human tonsil tissue using MYOT Polyclonal Antibody at dilution of 1:65(x200)



Western Blotting

**Image 2.** Western blot analysis of Mouse skeletal muscle tissue lysate using MYOT Polyclonal Antibody at dilution of 1:900