

[Go to Product page](#)

Datasheet for ABIN1386097 **anti-Myotilin antibody (AA 121-200)**

Overview

Quantity:	100 µL
Target:	Myotilin (MYOT)
Binding Specificity:	AA 121-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myotilin antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Myotilin
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse
Purification:	Purified by Protein A.

Target Details

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

Target Details

Background:	<p>Synonyms: 57 kDa cytoskeletal protein, LGMD 1, LGMD1, Myofibrillar titin like Ig domains protein, Myofibrillar titin-like Ig domains protein, MYOT, MYOT1_HUMAN, Myotilin, Titin immunoglobulin domain protein, TTID, TTID protein.</p> <p>Background: Myotilin, a sarcomeric protein that is encoded by the gene mapping to human chromosome 5q31, binds to α-actinin and is localized in the Z-line of myofibrils. Myotilin is expressed in skeletal and cardiac muscle, and it co-localizes with α-actinin in the sarcomeric I-bands where it directly interacts with α-actinin. Defects in the myotilin gene are reported to cause a form of autosomal dominant limb-girdle muscular dystrophy (LGMD). Symptoms of adult onset LGMD are progressive weakness of the hip and shoulder girdles as well as a distinctive dysarthric pattern of speech. The muscle of affected individuals with LGMD shows degeneration of myofibers, variations in fiber size, fiber splitting, centrally located myonuclei and an enhanced number of autophagic vesicles.</p>
-------------	--

Gene ID:	9499
----------	------

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Concentration:	1 μ g/ μ L
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months