

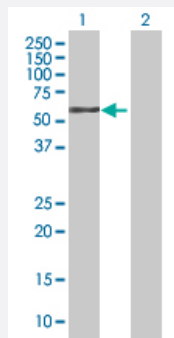
MaxPab®

MYOT MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009499-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MYOT expression in transfected 293T cell line ([H00009499-T01](#)) by MYOT MaxPab polyclonal antibody.

Lane 1: MYOT transfected lysate(54.78 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MYOT protein.

Immunogen

MYOT (NP_006781.1, 1 a.a. ~ 498 a.a) full-length human protein.

Sequence

MFNYERPKHFIQSQNPCGSRQLQPPGPETSSFSSQTKQSSIIQPRQCTEQRFSSASSTLSSHITMSS
SAFPASPQQHAGSNPGQRVTTTYNQSPASFLSSILPSQPDYNSSKIPSAMDSNYQQSSAGQPINA
KPSQTANAKPIRTPDHEIQGSKEALIQDLERKLKCKDTLLHNGNQRLTYEEKMARRLLGPQNAAA
VFQAQDDSGAQDSQQHNSEHARLQVPTSQVRSRSTSRGDVNDQDAIQEKFYPPRFIQVPENMSI
DEGRFCRMDFKVSGLPAPDVSWYLNQRTVQSDDLHKMIVSEKGLHSLIFEVVRASDAGAYACVA
KNRAGEATFTVQLDVLAKHHRAPMFYKPKQSKVLEGDSVKLECQISAIPPPKLFWKRNEMVQ
FNTDRISLYQDNTGRVTLLIKDVNKKDAGWYTVSAVNEAGVTTCNTRLDTARPNQTLPAKQLRV
RPTFSKYLALNGKGLNVKQAFNPEGEFQRLAAQSGLYESEEL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (89); Rat (90)

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — MYOT

Entrez GeneID[9499](#)**GeneBank Accession#**[NM_006790.1](#)**Protein Accession#**[NP_006781.1](#)**Gene Name**

MYOT

Gene Alias

LGMD1, LGMD1A, TTID

Gene Description

myotilin

Omim ID[159000](#) [182920](#) [604103](#) [609200](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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

Other Designations

titin immunoglobulin domain protein (myotilin)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)