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Research Use Only. Not for diagnostic or therapeutic use.

EB11898 - Goat Anti-myotilin (aa209-221) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: MYOT, myotilin, LGMD1, LGMD1A, TTID, 57 kDa cytoskeletal protein, OTTHUMP00000159430, OTTHUMP00000223460, OTTHUMP00000223461, myofibrillar

titin-like Ig domains protein, titin immunoglobulin domain protein (myotilin)

Official Symbol: MYOT

Accession Number(s): NP_006781.1; NP_001129412.1

Human GeneID(s): 9499

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_006781.1; NP_001129412.1).

Immunogen

Peptide with sequence C-DSQQHNSEHARLQ, from the internal region of the protein sequence according to NP_006781.1; NP_001129412.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

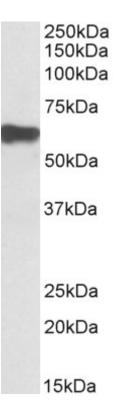
Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 60kDa band observed in Human Skeletal Muscle lysates (calculated MW of 55.4kDa according to NP_006781.1. Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11898 (0.1μg/ml) staining of Human Skeletal Muscle lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.