

## Goat anti-myotilin (aa209-221) Antibody

<b>Item Number</b>	dAP-2768
<b>Target Molecule</b>	Principle Name: myotilin (aa209-221); Official Symbol: MYOT; All Names and Symbols: MYOT; myotilin; LGMD1; LGMD1A; TTID; 57 kDa cytoskeletal protein; OTTHUMP00000159430; OTTHUMP00000223460; OTTHUMP00000223461; myofibrillar titin-like Ig domains protein; titin immunoglobulin domain protein (myotilin); Accession Number (s): NP_006781.1; NP_001129412.1; Human Gene ID(s): 9499; Non-Human GenelD(s):
<b>Immunogen</b>	DSQQHNSEHARLQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_006781.1; NP_001129412.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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).
<b>IHC</b>	
<b>Reference</b>	Reference(s): von Nandelstadh P, Soliymani R, Baumann M, Carpen O. Analysis of myotilin turnover provides mechanistic insight into the role of myotilinopathy-causing mutations. <i>Biochem J.</i> 2011 May 15;436 (1):113-21.. PMID: 21361873->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**