

## Goat anti-MTM1 Antibody

<b>Item Number</b>	dAP-0193
<b>Target Molecule</b>	Principle Name: MTM1; Official Symbol: MTM1; All Names and Symbols: MTM1; myotubular myopathy 1; CNM; MTMX; XLMTM; myotubularin; myotubularin 1; Accession Number (s): NP_000243.1; Human Gene ID(s): 4534; Non-Human GenelD(s):
<b>Immunogen</b>	SSPSQMMPHVQTHF, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Human, Mouse
<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 16000.
<b>Western Blot</b>	Western Blot: Approx 70kDa band observed in lysates of Human and Mouse Skeletal Muscle and of cell line HepG2 (calculated MW of 69.9kDa according to NP_000243.1and 69.6kDa according to Mouse NP_001157662.1). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Laporte J, Hu LJ, Kretz C, Mandel JL, Kioschis P, Coy JF, Klauck SM, Poustka A, Dahl N. A gene mutated in X-linked myotubular myopathy defines a new putative tyrosine phosphatase family conserved in yeast. <i>Nat Genet.</i> 1996 Jun;13(2):175-82.. PMID: 8640223->

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 ender users! This product is sold for **Research Use Only**