

Product datasheet for TA302542

MTM1 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:16,000. WB: 0.3-1 µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Dog, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-SSPSQMMPHVQTHF, from the C Terminus of the protein sequence according to NP_000243.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	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.
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	73561 Da
Gene Name:	myotubularin 1
Database Link:	NP_000243 Entrez Gene 17772 Mouse Entrez Gene 612385 Dog Entrez Gene 4534 Human
Background:	This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular myopathy. [provided by RefSeq]
Synonyms:	CNM; MTMX; XLMTM
Protein Families:	Druggable Genome, Phosphatase



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Product images:

TA302542 (0.3ug/ml) staining of HepG2 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.