

## Goat anti-MTMR1 (isoform 1) Antibody

**Item Number** dAP-0404

**Target Molecule** Principle Name: MTMR1 (isoform 1); Official Symbol: MTMR1; All Names and Symbols: MTMR1; myotubularin related protein 1; myotubularin-related protein 1; Accession Number (s): NP\_003819.1; Human Gene ID(s): 8776; Non-Human GenID(s):

**Immunogen** SSPSHSATSVHTSV, is from C Terminus  
Please note this will only recognise Human isoform 1 (NP\_003819.1), not isoform 2 (NP\_789746).

**Applications** Pep ELISA

Species Tested:

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

**Supplied As** 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.

**Peptide ELISA** Peptide ELISA: antibody detection limit dilution 1 to 32000.

**Western Blot** Western Blot: Preliminary experiments gave no signal but low background in Human Liver and Placenta lysates at up to 1µg/ml. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

**IHC**

**Reference** 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. *Nat Genet* 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 end users! This product is sold for **Research Use Only**