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**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB05238 - Goat Anti-MTMR1 (isoform 1) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** myotubularin-related protein 1, myotubularin related protein 1, MTMR1

**Official Symbol:** MTMR1

**Accession Number(s):** NP\_003819.1

**Human GeneID(s):** [8776](#)

**Important Comments:** Please note this will only recognise Human isoform 1 (NP\_003819.1), not isoform 2 (NP\_789746).

### Immunogen

Peptide with sequence C-SSPSHSATS VHTSV, from the C Terminus of the protein sequence according to NP\_003819.1.

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 1:32000.

**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?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human