

## UK Office

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

## EB05086-B - Goat Anti-TXNDC1 / TMX, biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** TMX1, thioredoxin-related transmembrane protein 1, PDIA11, TMX, TXNDC, TXNDC1, protein disulfide isomerase family A, member 11, thioredoxin domain containing 1, thioredoxin domain-containing protein 1, transmembrane Trx-related protein

**Official Symbol:** TMX1

**Accession Number(s):** NP\_110382.3

**Human GeneID(s):** [81542](#)

### Immunogen

Peptide with sequence C-RSLGPSLATDKS., from the C Terminus of the protein sequence according to NP\_110382.3.

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 1:64000.

**Western blot:** Approx 35kDa band observed in Human Liver lysates (calculated MW of 31.8kDa according to NP\_110382.3). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.01-0.03µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

Biotinylated EB05086 (0.01µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.