

## UK Office

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

## EB06471 - Goat Anti-EndoPDI / TXNDC5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** EndoPDI, thioredoxin domain containing 5, ERP46, UNQ364, MGC3178, FLJ21353, FLJ90810, thioredoxin related protein, endothelial protein disulphide isomerase, TXNDC5, thioredoxin domain containing 5 (endoplasmic reticulum), Hcc-2, PDIA15, endothelial protein disulphide isomerase, protein disulfide isomerase family A, member 15, thioredoxin domain containing 5

**Official Symbol:** TXNDC5

**Accession Number(s):** NP\_110437.2; NP\_001139021.1

**Human GeneID(s):** [81567](#)

**Important Comments:** This antibody is expected to be able to recognise both reported human isoforms, as represented by NP\_110437.2; NP\_001139021.1.

### Immunogen

Peptide with sequence C-SLHRFVLSQAKDEL, from the C Terminus of the protein sequence according to NP\_110437.2; NP\_001139021.1.

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 1:64000.

**Western blot:** Approx 50kDa band observed in Human Placenta lysates (predicted MW of 50kDa according to NP\_110437.2). Recommended for use at 0.1-1µg/ml.

**IHC:** Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06471 staining (0.1µg/ml) of Human Placenta lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

EB06471 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.