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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.