

Goat anti-EndoPDI / TXNDC5 Antibody

Item Number	dAP-0374
Target Molecule	Principle Name: EndoPDI / TXNDC5; Official Symbol: TXNDC5; All Names and Symbols: TXNDC5; EndoPDI; thioredoxin domain containing 5; ERP46; UNQ364; MGC3178; FLJ21353; FLJ90810; thioredoxin related protein; endothelial protein disulphide; thioredoxin domain containing 5 (endoplasmic reticulum) isomerase; Hcc-2; PDIA15; endothelial protein; Accession Number (s): NP_110437.2; NP_001139021.1; Human Gene ID(s): 81567; Non-Human GeneID(s):
Immunogen	SLHRFVLSQAKDEL, is from C Terminus This antibody is expected to be able to recognise both reported human isoforms, as represented by NP_110437.2; NP_001139021.1.
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 64000.
Western Blot	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	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Sullivan DC, Huminiecki L, Moore JW, Boyle JJ, Poulsom R, Creamer D, Barker J, Bicknell R. EndoPDI, a novel protein-disulfide isomerase-like protein that is preferentially expressed in endothelial cells acts as a stress survival factor. <i>J Biol Chem.</i> 2003 Nov 21;278(47):47079-88. Epub 2003 Sep

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**