



## Goat anti-TXNDC1 / TMX Antibody

<b>Item Number</b>	dAP-0525
<b>Target Molecule</b>	Principle Name: TXNDC1 / TMX; Official Symbol: TMX1; All Names and Symbols: TMX1; TXNDC; TMX; thioredoxin domain containing 1; TXNDC1; DKFZP564E1962; thioredoxin domain-containing; thioredoxin-related transmembrane protein 1; PDIA11; protein disulfide isomerase family A, member 11; thioredoxin domain containing 1; thioredoxin-rel; Accession Number (s): NP_110382.3; Human Gene ID(s): 81542; Non-Human GeneID(s):
<b>Immunogen</b>	RSLGPSLATDKS, is from C Terminus
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 35kDa band observed in Human Liver lysates (calculated MW of 31.8kDa according to NP_110382.3). Recommended concentration: 0.01-0.03µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Spleen shows textured staining in the cytoplasm of some splenocytes. Recommended concentration, 3-6µg/ml.
<b>Reference</b>	Reference(s): Matsuo Y, Akiyama N, Nakamura H, Yodoi J, Noda M, Kizaka-Kondoh S. Identification of a novel thioredoxin-related transmembrane protein. J Biol Chem. 2001 Mar 30;276(13):10032-8. Epub 2001 Jan 4..PMID: 11152479->

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 ender users! This product is sold for **Research Use Only**