



## Goat anti-TXNDC4 Antibody

<b>Item Number</b>	dAP-1442
<b>Target Molecule</b>	Principle Name: TXNDC4; Official Symbol: TXNDC4 ; All Names and Symbols: TXNDC4 ; thioredoxin domain containing 4 (endoplasmic reticulum) ; ERP44; KIAA0573; OTTHUMP00000063799; endoplasmic reticulum resident protein 44 kDa; Accession Number (s): NP_055866.1; Human Gene ID(s): 23071; Non-Human GeneID(s): 76299 (mouse) 298066 (rat)
<b>Immunogen</b>	EQKSDNYRVFER, is from internal region
<b>Applications</b>	Pep ELISA, WB 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 32000.
<b>Western Blot</b>	Western Blot: Approx 47kDa band observed in lysates of cell line K562 (calculated MW of 47.0kDa according to NP_055866.1). Recommended concentration: 0.2-0.6µg/ml. An additional band of unknown identity was also consistently observed at 22kDa. This band
<b>IHC</b>	
<b>Reference</b>	Reference(s): Anelli T, Ceppi S, Bergamelli L, Cortini M, Masciarelli S, Valetti C, Sitia R. Sequential steps and checkpoints in the early exocytic compartment during secretory IgM biogenesis. EMBO J. 2007 Oct 3;26(19):4177-88. Epub 2007 Sep 6..PMID: 17805346 ->

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**