ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-TXNDC5 (aa269-282) Antibody

Item Number	dAP-2329
Target Molecule	Principle Name: TXNDC5 (aa269-282); Official Symbol: TXNDC5; All Names and Symbols: TXNDC5; thioredoxin domain containing 5 (endoplasmic reticulum); ERP46; EndoPDI; Hcc-2; MGC3178; PDIA15; UNQ364; ER protein 46; endoplasmic reticulum protein ERp46; endoplasmic reticulum resident protein 46; endothelial protein disulphide isomerase; prote; Accession Number (s): NP_110437.2; NP_001139021.1; Human Gene ID(s): 81567; Non-Human GeneID(s): 105245 (mouse)
Immunogen	RDGKKVDQYKGKRD, is from internal region This antibody is expected to recognize both reported isoforms (NP_110437.2; NP_001139021.1).
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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; Reconsititute 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 50+38kDa bands observed in Human Lymph Nodes lysates (calculated MW of 47.6kDa according to NP_110437.2 and of 36.2kDa according to NP_001139021.1). A 48kDa band was observed in Mouse Lymph Node while a 37-38kDa doublet was observed
IHC	
Reference	Reference(s): Zhang L, Hou Y, Li N, Wu K, Zhai J. The influence of TXNDC5 gene on gastric cancer cell. J Cancer Res Clin Oncol. 2010 Oct;136(10):1497-505..PMID: 20157732->

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

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