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Datasheet for ABIN5539896
anti-TXNDC5 antibody (AA 269-282)

3 Images

Overview

Quantity:	100 µg
Target:	TXNDC5
Binding Specificity:	AA 269-282
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TXNDC5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	TXNDC5 (aa269-282)
Sequence:	RDGKKVDQYK GKRD
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_110437.2, NP_001139021.1).
Cross-Reactivity:	Cow, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

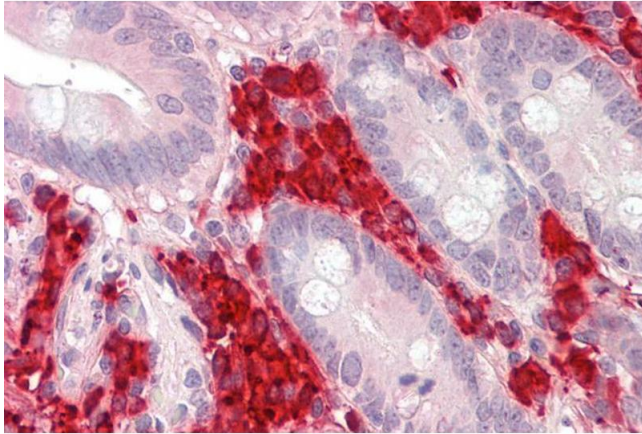
Target:	TXNDC5
Alternative Name:	TXNDC5 (TXNDC5 Products)
Background:	TXNDC5, thioredoxin domain containing 5 (endoplasmic reticulum), ERP46, EndoPDI, Hcc-2, MGC3178, PDIA15, UNQ364, ER protein 46, endoplasmic reticulum protein ERp46, endoplasmic reticulum resident protein 46, endothelial protein disulphide isomerase, prote
Gene ID:	81567, 105245
NCBI Accession:	NP_110437 , NP_001139021
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 50+38 kDa bands observed in Human Lymph Nodes lysates (calculated MW of 47.6 kDa according to NP_110437.2 and of 36.2 kDa according to NP_001139021.1). A 48 kDa band was observed in Mouse Lymph Node while a 37-38 kDa doublet was observed Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

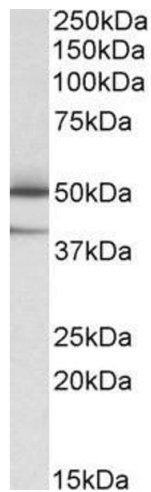
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



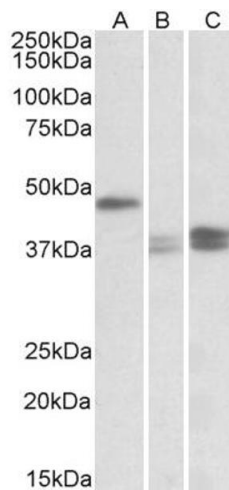
Immunohistochemistry

Image 1. ABIN5539896 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN5539896 (0.05µg/ml) staining of Human Lymph Nodes lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 3. ABIN5539896 (0.1µg/ml) staining of Mouse Lymph Nodes (A), Stomach (B) and Intestine (C) lysates (35µg protein in RIPA buffer). Detected by chemiluminescence.