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anti-TXNDC5 antibody (AA 281-295)

3 Images



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Overview

Quantity:	100 μg
Target:	TXNDC5
Binding Specificity:	AA 281-295
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 (aa281-295) Immunogen: Peptide with sequence C-RDLESLREYVESQLQ, from the internal region of the protein sequence according to NP_110437.2, NP_001139021.1. Sequence: RDLESLREYV ESQLQ 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.		
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NP_001139021.1). Cross-Reactivity: Cow, Human, Mouse Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity	Isotype:	IgG
Purification: Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity	Specificity:	
	Cross-Reactivity:	Cow, Human, Mouse
	Purification:	

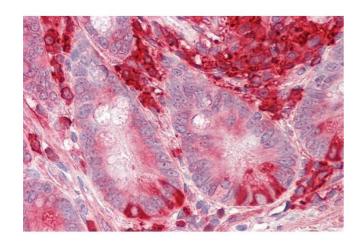
Product Details Grade: Verified **Target Details** Target: TXNDC5 TXNDC5 (TXNDC5 Products) Alternative Name Background: TXNDC5, thioredoxin domain containing 5 (endoplasmic reticulum), ERP46, EndoPDI, Hcc-2, MGC3178, PDIA15, UNQ364, ER protein 46, endoplasmic reticulum protein ERp46, endoplasmic reticulum resident protein 46, endothelial protein disulphide isomerase, prote Molecular Weight: 47.6kDa according to NP_110437.2 Gene ID: 81567, 105245 NCBI Accession: NP_110437, NP_001139021 Cell RedoxHomeostasis Pathways: **Application Details** Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended **Application Notes:** concentration: 3.75 µg/mL. Western Blot: Approx 50 kDa plus faint 35 kDa bands observed in Human Lymph Nodes lysates and 48 kDa in Mouse Lymph Node and in Mouse Intestine lysates (calculated MW of 47.6 kDa according to Human NP_110437.2, 46.4 kDa to Mouse NP_663342.3) and of 36.2 kDa ac Peptide ELISA: antibody detection limit dilution 1:16000. For Research Use only Restrictions: 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. Sodium azide Preservative: Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

Handling

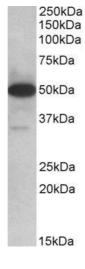
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated
	at 4°C for a few weeks and still remain viable.

Images



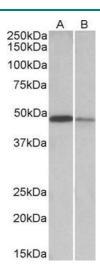
Immunohistochemistry

Image 1. ABIN768549 (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer Ph 6, AP-staining.



Western Blotting

Image 2. ABIN768549 ($0.1\mu g/ml$) staining of Human Lymph Nodes lysate ($35\mu g$ protein in RIPA buffer). Detected by chemiluminescence.



Western Blotting

Image 3. ABIN768549 (0.1 μ g/ml) staining of Mouse Lymph Nodes (A) and Mouse Intestine (B) lysates (35 μ g protein in RIPA buffer). Detected by chemiluminescence.