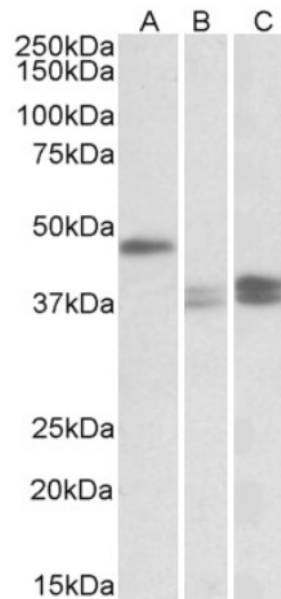


**AP23763PU-N****Polyclonal Antibody to TXNDC5 / TLP46 (269-282) - Aff - Purified**

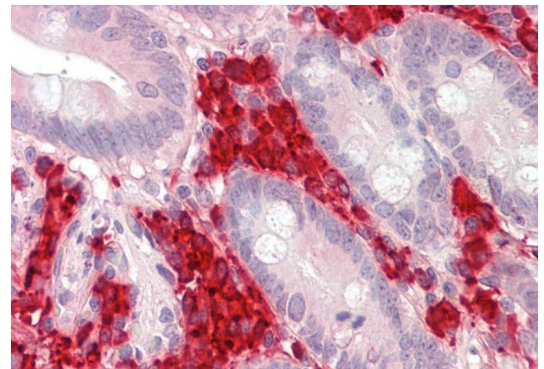
<b>Alternate names:</b>	ERp46, Endoplasmic reticulum resident protein 46, Thioredoxin domain-containing protein 5, Thioredoxin-like protein p46
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Background:</b>	ERp19 and ERp46 are two newly discovered ER luminal proteins, related to protein disulphide isomerase. Western and Northern blot analyses have revealed that both ERp19 and ERp46 and their respective mRNAs are highly expressed in the liver as compared with other tissues. Both proteins are enriched in purified liver ER vesicles and were localized specifically to the ER in McA-RH7777 hepatocytes. See Knoblach et al. for details.
<b>Uniprot ID:</b>	<a href="#">Q8NBS9</a>
<b>NCBI:</b>	<a href="#">NP_001139021</a>
<b>GeneID:</b>	<a href="#">81567</a>
<b>Host:</b>	Goat
<b>Immunogen:</b>	Peptide with sequence from the internal region of the protein sequence according to NP_110437.2; NP_001139021.1. <b>Genename:</b> TXNDC5 <b>AA Sequence:</b> C-RDGKKVDQYKGRD
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Ammonium Sulphate Precipitation followed by antigen Affinity Chromatography using the immunizing peptide. <b>Buffer System:</b> Tris saline, pH~7.3 <b>Preservatives:</b> 0.02% Sodium Azide <b>Stabilizers:</b> 0.5% BSA
<b>Applications:</b>	<b>Peptide ELISA:</b> 1/64000 (Detection Limit). <b>Western blot:</b> 0.03-0.1 µg/ml. 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 in Mouse Stomach lysates and in Mouse Intestine lysates. <b>Immunohistochemistry on Paraffin Sections:</b> 3.75 µg/ml (Human Small Intestine). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Recognizes TXNDC5 (269-282). This antibody is expected to recognize both reported isoforms (NP_110437.2, NP_001139021.1) of TXNDC5.
<b>Species Reactivity:</b>	<b>Tested:</b> Human, Mouse. <b>Expected from sequence similarity:</b> Bovine.

**Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**Pictures:** AP23763PU-N TXNDC5 antibody staining of Mouse Lymph Nodes (A), Stomach (B) and Intestine (C) lysates at 0.1 µg/ml (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AP23763PU-N (3.75µg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



AP23763PU-N TXNDC5 antibody staining of Human Lymph Nodes lysate at 0.05 µg/ml (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

