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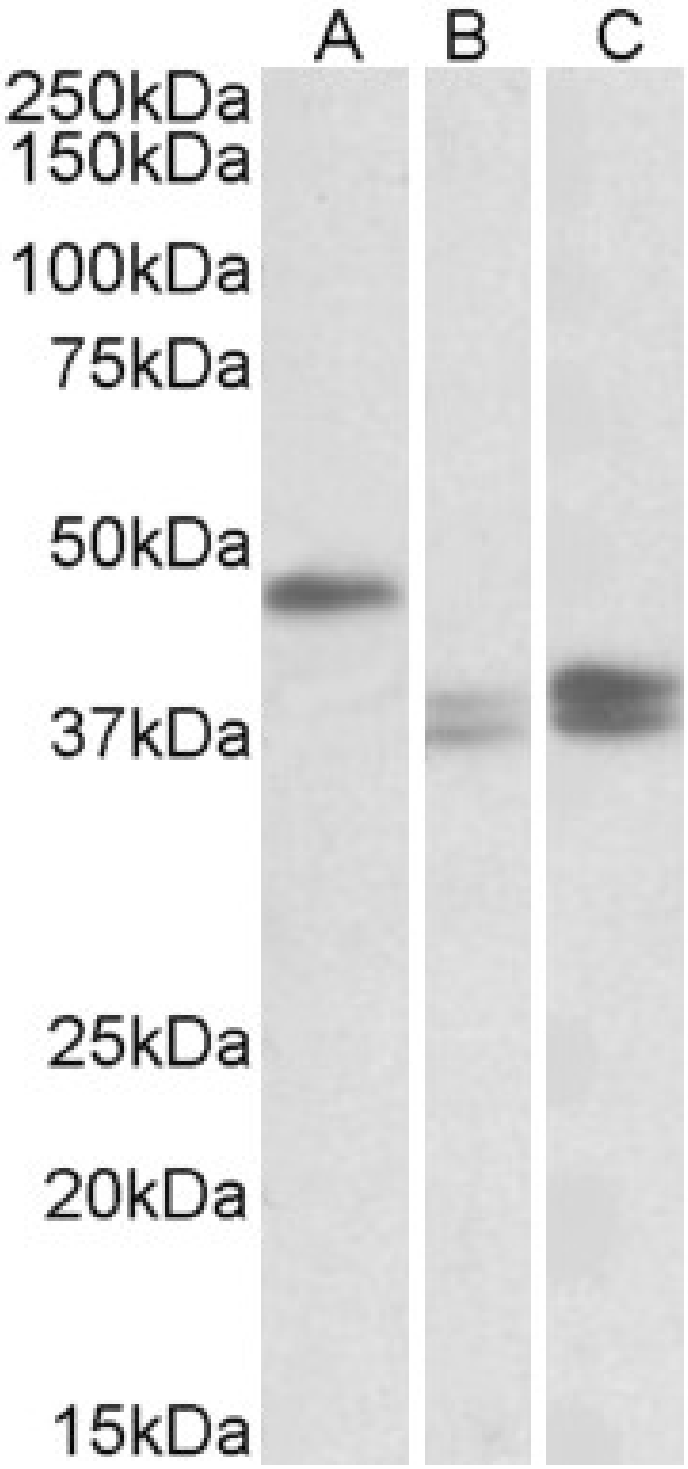
# GOAT ANTI-TXNDC5 (AA269-282) ANTIBODY

**SKU:** EB10878



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# SPECIFICATIONS

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|---|---|
| **Formulation** | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| **Unit Size** | 100 µg |
| **Storage Instructions** | Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Synonym / Alias Names** | thioredoxin-like protein p46\|thioredoxin related protein\|thioredoxin domain-containing protein 5\|protein disulfide isomerase family A, member 15\|endoplasmic reticulum protein ERp46\|endothelial protein disulphide isomerase\|endoplasmic reticulum resident protein 46\|ER protein 46\|UNQ364\|PDIA15\|MGC3178\|Hcc-2\|EndoPDI\|ERP46\|thioredoxin domain containing 5 (endoplasmic reticulum)\|TXNDC5 |
| **Accession ID** | NP_110437.2; NP_001139021.1 |
| **Blocking Peptide** | EBP10878 |
| **Immunogen** | Peptide with sequence C-RDGKKVDQYKGKRD, from the internal region of the protein sequence according to NP_110437.2; NP_001139021.1. |
| **Product Comments** | This antibody is expected to recognize both reported isoforms (NP_110437.2; NP_001139021.1). |
| **Peptide Sequence** | C-RDGKKVDQYKGKRD |
| **Purification Method** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Shipping Instructions** | Refrigerated |
| **Predicted Species** | Human, Mouse, Cow |
| **Reactive Species** | Human, Mouse |
| **Human Gene ID** | 81567 |
| **Mouse Gene ID** | 105245 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png |
| **IHC Results** | Paraffin embedded Human Small Intestine. Recommended concentration: 3.75µg/ml. |
| **ELISA Detection Limit** | Antibody detection limit dilution 1:64000. |
| **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 n Mouse Stomach lysates and in Mouse Intestine lysates. Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour. |

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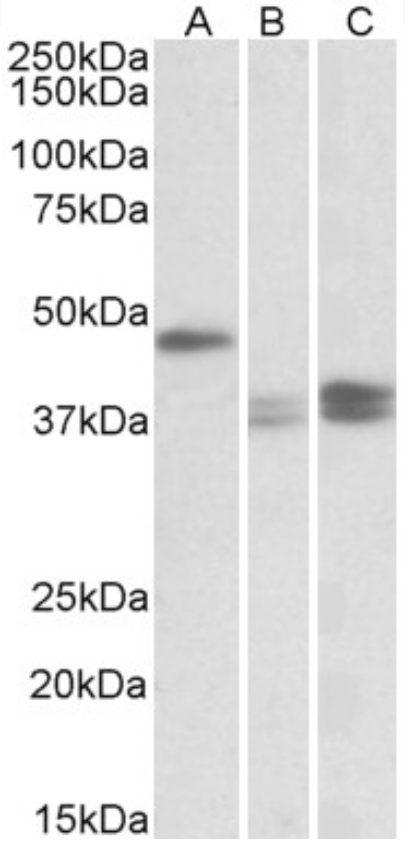
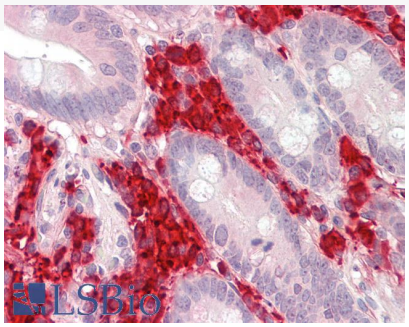
|---|---|
| **Application Type** | Pep-ELISA, WB, IHC |

## DOCUMENTS

- Data Sheet

## GALLERY IMAGES

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