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TXNDC12 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP4871b

Specification

TXNDC12 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession O95881

TXNDC12 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 51060

Other Names
Thioredoxin domain-containing protein 12, Endoplasmic reticulum resident protein 18, ER protein 18, ERp18, Endoplasmic reticulum resident protein 19, ER protein 19, ERp19, Thioredoxin-like protein p19, hTLP19, TXNDC12, TLP19

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TXNDC12 Antibody (C-term) Blocking Peptide - Protein Information

Name TXNDC12 (HGNC:24626)

Function
Protein-disulfide reductase of the endoplasmic reticulum that promotes disulfide bond formation in client proteins through its thiol- disulfide oxidase activity.

Cellular Location
Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138, ECO:0000269|PubMed:12761212}

Tissue Location
Widely expressed..

TXNDC12 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

TXNDC12 Antibody (C-term) Blocking Peptide - Images

TXNDC12 Antibody (C-term) Blocking Peptide - Background

TXNDC12 belongs to the thioredoxin superfamily (see TXN; MIM 187700). Members of this superfamily possess a thioredoxin fold with a consensus active-site sequence (CxxC) and have roles in redox regulation, defense against oxidative stress, refolding of disulfide-containing proteins, and regulation of transcription factors

TXNDC12 Antibody (C-term) Blocking Peptide - References

Jessop, C.E., et al. J. Cell. Sci. 122 (PT 23), 4287-4295 (2009) Rowe, M.L., et al. Biochemistry 48(21):4596-4606(2009)Jeong, W., et al. J. Biol. Chem. 283(37):25557-25566(2008)