

TXNDC5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18313c**Specification**

TXNDC5 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8NBS9](#)**TXNDC5 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 81567**Other Names**

Thioredoxin domain-containing protein 5, Endoplasmic reticulum resident protein 46, ER protein 46, ERp46, Thioredoxin-like protein p46, TXNDC5, TLP46

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.

TXNDC5 Antibody (Center) Blocking Peptide - Protein Information**Name** TXNDC5 ([HGNC:21073](#))**Synonyms** TLP46**Function**

Protein disulfide isomerase of the endoplasmic reticulum lumen involved in the formation of disulfide bonds in proteins. Can reduce insulin disulfide bonds.

Cellular Location

Endoplasmic reticulum lumen {ECO:0000250|UniProtKB:Q91W90, ECO:0000255|PROSITE-ProRule:PRU10138}

TXNDC5 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TXNDC5 Antibody (Center) Blocking Peptide - Images

TXNDC5 Antibody (Center) Blocking Peptide - Background

This gene encodes a protein-disulfide isomerase. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream MUTED (muted homolog) gene.

TXNDC5 Antibody (Center) Blocking Peptide - References

Zhang, L., et al. J. Cancer Res. Clin. Oncol. 136(10):1497-1505(2010) Jeong, K.H., et al. Br. J. Dermatol. 162(4):759-764(2010) Charlton, H.K., et al. Biochem. Biophys. Res. Commun. 392(2):234-239(2010) So, H.C., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (1), 103-113 (2010) : Jessop, C.E., et al. J. Cell. Sci. 122 (PT 23), 4287-4295 (2009) :