

TXNDC5 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18313c**Specification**

TXNDC5 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8NBS9
Other Accession	Q91W90 , NP_001139021.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47629
Antigen Region	128-155

TXNDC5 Antibody (Center) - 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

Target/Specificity

This TXNDC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 128-155 amino acids from the Central region of human TXNDC5.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TXNDC5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TXNDC5 Antibody (Center) - 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

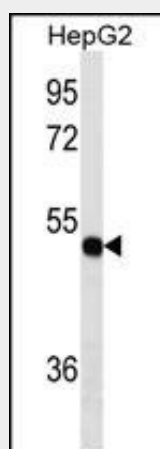
Endoplasmic reticulum lumen {ECO:0000250|UniProtKB:Q91W90, ECO:0000255|PROSITE-ProRule:PRU10138}

TXNDC5 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TXNDC5 Antibody (Center) - Images



TXNDC5 Antibody (Center) (Cat. #AP18313c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the TXNDC5 antibody detected the TXNDC5 protein (arrow).

TXNDC5 Antibody (Center) - 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) - 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) :