

TXNDC5 / ERP46 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS15793**Specification**

TXNDC5 / ERP46 Antibody (Internal) - Product Information

Application	IHC, WB
Primary Accession	Q8NBS9
Reactivity	Human, Mouse
Host	Goat
Clonality	Polyclonal
Calculated MW	48kDa KDa

TXNDC5 / ERP46 Antibody (Internal) - 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

Human TXNDC5. This antibody is expected to recognize both reported isoforms (NP_110437.2; NP_001139021.1).

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

TXNDC5 / ERP46 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

TXNDC5 / ERP46 Antibody (Internal) - 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}

Volume

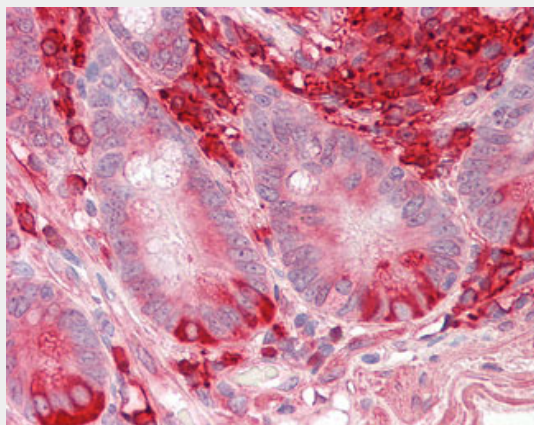
50 µl

TXNDC5 / ERP46 Antibody (Internal) - 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 / ERP46 Antibody (Internal) - Images



Anti-TXNDC5 / ERP46 antibody IHC staining of human small intestine.



TXNDC5 antibody (0.1 ug/ml) staining of Human Lymph Nodes lysate (35 ug protein/ml in RIPA buffer).

TXNDC5 / ERP46 Antibody (Internal) - Background

Possesses thioredoxin activity. Has been shown to reduce insulin disulfide bonds. Also complements protein disulfide- isomerase deficiency in yeast (By similarity).

TXNDC5 / ERP46 Antibody (Internal) - References

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Lo S.L.,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.