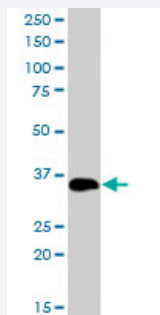


# TXNDC1 polyclonal antibody

Catalog # PAB6032

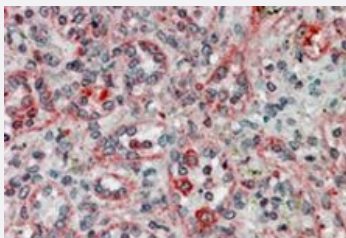
Size 100 ug

## Applications



### Western Blot (Tissue lysate)

TXNDC1 polyclonal antibody (Cat # PAB6032) staining (0.01 ug/mL) of human liver lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

TXNDC1 polyclonal antibody (Cat # PAB6032)(3.8 ug/mL) staining of paraffin embedded human spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

## Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of TXNDC1.
Immunogen	A synthetic peptide corresponding to C-terminus of human TXNDC1.
Sequence	C-RSLGPSLATDKS
Host	Goat
Theoretical MW (kDa)	31.8
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:64000) Western Blot (0.01-0.03 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (3-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — TXNDC1

Entrez GeneID	<a href="#">81542</a>
Protein Accession#	<a href="#">NP_110382.3</a>
Gene Name	TXNDC1
Gene Alias	DKFZp564E1962, TMX, TXNDC
Gene Description	thioredoxin domain containing 1
Omim ID	<a href="#">610527</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

TXNDC1 is a thioredoxin (TXN; see MIM 187700)-related protein with disulfide reductase activity (Matsuo et al., 2001 [PubMed 11152479]).[supplied by OMIM]

**Other Designations**

thioredoxin domain-containing|thioredoxin-related transmembrane protein

## Publication Reference

- [Identification of a novel thioredoxin-related transmembrane protein.](#)

Matsuo Y, Akiyama N, Nakamura H, Yodoi J, Noda M, Kizaka-Kondoh S.

The Journal of Biological Chemistry 2001 Mar; 276(13):10032.