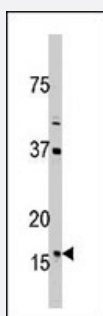


TXN2 polyclonal antibody

Catalog # PAB2468

Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of TXN2 polyclonal antibody (Cat # PAB2468) in 293 cell line lysate (35 ug/lane). TXN2 (arrow) was detected using the purified polyclonal antibody.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TXN2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human TXN2.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Western Blot (Cell lysate)

Western blot analysis of TXN2 polyclonal antibody (Cat # PAB2468) in 293 cell line lysate (35 ug/lane). TXN2 (arrow) was detected using the purified polyclonal antibody.

Gene Info — TXN2

Entrez GeneID	25828
Protein Accession#	NP_036605:Q99757
Gene Name	TXN2
Gene Alias	MT-TRX, MTRX, TRX2
Gene Description	thioredoxin 2
Omim ID	609063
Gene Ontology	Hyperlink
Gene Summary	This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. [provided by RefSeq]
Other Designations	mitochondrial thioredoxin

Publication Reference

- [Human mitochondrial thioredoxin. Involvement in mitochondrial membrane potential and cell death.](#)

Damdimopoulos AE, Miranda-Vizuet A, Peltto-Huikko M, Gustafsson JA, Spyrou G.

The Journal of Biological Chemistry 2002 Sep; 277(36):33249.

Application: IHC-P, WB-Tr, Human, HEK 293 cells, Stomach, Colon, Kidney, Heart, Arteries, Veins, Prostate

- [Overexpressed human mitochondrial thioredoxin confers resistance to oxidant-induced apoptosis in human osteosarcoma cells.](#)

Chen Y, Cai J, Murphy TJ, Jones DP.

The Journal of Biological Chemistry 2002 Sep; 277(36):33242.

Disease

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