

Product datasheet for **TA330906**

TXN Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-TXN antibody is: synthetic peptide directed towards the C-terminal region of Human TXN. Synthetic peptide located within the following region: NVIFLEVDVDDCQDVASECEVKCMPTFQFFKKGQKVGEFSGANKEKLEAT
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	11 kDa
Gene Name:	thioredoxin
Database Link:	NP_003320 Entrez Gene 7295 Human P10599
Background:	TXN participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. It plays a role in the reversible S-nitrosylation of cysteine residues in target proteins, and thereby contributes to the response to intracellular nitric oxide. It nitrosylates the active site Cys of CASP3 in response to nitric oxide (NO), and thereby inhibits caspase-3 activity. It induces the FOS/JUN AP-1 DNA-binding activity in ionizing radiation (IR) cells through its oxidation/reduction status and stimulates AP-1 transcriptional activity. ADF augments the expression of the interleukin-2 receptor TAC (IL2R/P55)



[View online »](#)

Synonyms: TRDX; TRX; TRX1

Note: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Horse: 93%; Sheep: 93%; Guinea pig: 86%

Protein Families: Druggable Genome

Product images:



Host: Rabbit

Target Name: TXN

Sample Tissue: MCF7 Cell Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit; Target Name: TXN; Sample Tissue: MCF7 Whole Cell lysates; Antibody Dilution: 1.0ug/ml