

Immunotag™ TXN Antibody

Antibody Specification	
Catalog No.	ITA7643
Product Description	Immunotag™ TXN Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TXN
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TXN
Specificity	TXN Antibody detects endogenous levels of total TXN
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TXN
Accession No.	P10599
Alternate Names	ADF; ATL derived factor; ATL-derived factor; DKFZp686B1993; MGC61975; SASP; Surface associated sulphhydryl protein; Surface-associated sulphhydryl protein; testicular tissue protein Li 199; THIO_HUMAN; Thioredoxin; thioredoxin delta 3; TRDX; TRX 1; Trx; TRX1; TXN; TXN delta 3; TXN protein; zgc:92903;

Antibody Specification

Description	Participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. Plays a role in the reversible S-nitrosylation of cysteine residues in target proteins, and thereby contributes to the response to intracellular nitric oxide. Nitrosylates the active site Cys of CASP3 in response to nitric oxide (NO), and thereby inhibits caspase-3 activity. 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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	12 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.