



TXN Polyclonal Antibody

E90537

Catalog Number: E90537**Amount:** 100ul

Background: TXN, TRDX, TRX, TRX1, ADF and SASP, belongs to the thioredoxin family. It participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions. TXN 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. TXN 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. This antibody is specific to TXN.

Species: Rabbit**Isotype:** IgG

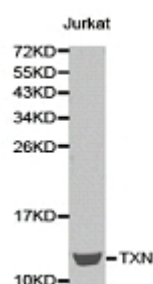
Storage/Stability: Store at -20°C or -80°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: DKFZp686B1993; MGC61975; TRX; TRX1**Immunogen:** Recombinant protein of human TXN**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC IF**Molecular Weight:** 12kDa**Swiss-Prot No. :** P10599**Gene ID:** 7295

WB 1:500 - 1:2000

IHC 1:50- 1:200

IF 1:20- 1:50



Western blot analysis of extracts of Jurkat cell tissue, using TXN antibody.

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