

# TXN Rabbit Polyclonal Antibody



CAB0053

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

12kDa

### Calculated MW:

9kDa/11kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Protein Background

The protein encoded by this gene acts as a homodimer and is involved in many redox reactions. The encoded protein is active in the reversible S-nitrosylation of cysteines in certain proteins, which is part of the response to intracellular nitric oxide. This protein is found in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

### Gene ID:

7295

### Uniprot

P10599

### Synonyms:

TXN; TRDX; TRX; TRX1

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

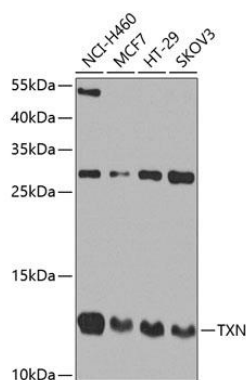
A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TXN (NP\_003320.2).

### Storage:

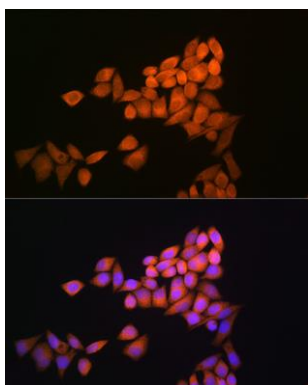
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

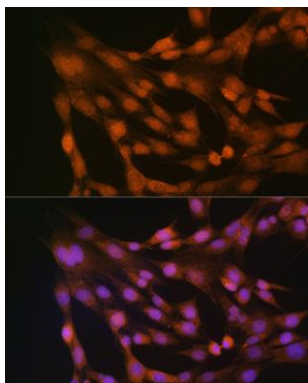
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Western blot analysis of extracts of various cell lines, using TXN antibody (CAB0053) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using TXN Rabbit pAb (CAB0053) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using TXN Rabbit pAb (CAB0053) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.