

TXN Rabbit Polyclonal Antibody



CAB7638

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

12kDa

Calculated MW:

9kDa/11kDa

Applications:

WB IHC IF IP

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 IHC 1:50

- 1:200 IF 1:50 - 1:200 IP

1:20 - 1:50

Source:

Rabbit

Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 20 to the C-terminus 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.

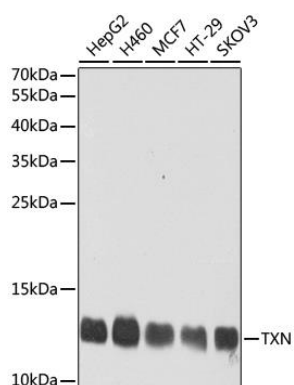
Isotype:

IgG

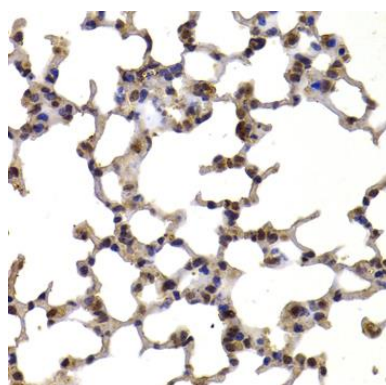
Purification:

Affinity purification

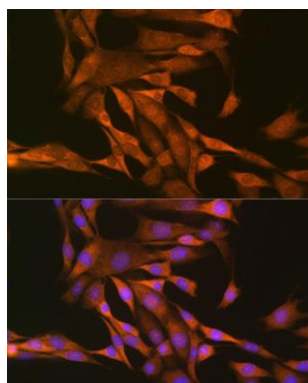
Product Images



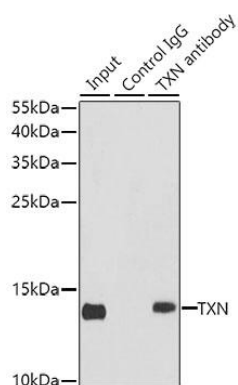
Western blot analysis of extracts of various cell lines, using TXN antibody (CAB7638) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded mouse lung using TXN antibody (CAB7638) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH-3T3 cells using TXN Rabbit pAb (CAB7638) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 150ug extracts of MCF7 cells using 3ug TXN antibody (CAB7638). Western blot was performed from the immunoprecipitate using TXN antibody (CAB7638) at a dilution of 1:500.