

Recombinant Thioredoxin/TXN Monoclonal Antibody

catalog number: **AN300330P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

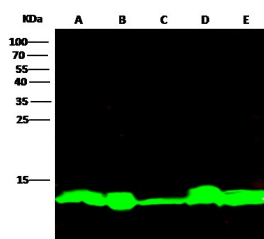
Description

Reactivity	Human
Immunogen	Recombinant Human Thioredoxin/TXN protein
Host	Rabbit
Isotype	IgG
Clone	1F12
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications Recommended Dilution

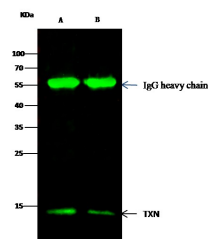
WB	1:2000-1:10000
IP	4-6 µL/mg of lysate

Data



Western Blot with TXN Monoclonal Antibody at dilution of 1:2000. Lane A: Hela Whole Cell Lysate, Lane B: THP-1 Whole Cell Lysate, Lane C: A431 Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

Observed-MW:14 kDa
Calculated-MW:12 kDa



Immunoprecipitation analysis using 2 µL anti-TXN Monoclonal Antibody and 15 µL of 50 % Protein G agarose. Western blot was performed from the immunoprecipitate using TXN Monoclonal Antibody at a dilution of 1:100. Lane A:0.5 mg Hela Whole Cell Lysate, Lane B:0.5 mg 293T

Whole Cell Lysate
Observed-MW:14 kDa
Calculated-MW:12 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

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.

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