BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-TXN Antibody

**Catalog Number:** M01219-2

## About TXN

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.

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## Overview

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|---|---|
| Product Name | Anti-TXN Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-TXN Antibody (Catalog # M01219-2). Tested in WB application(s). This antibody reacts with Human. |
| Application | WB |
| Clonality | Monoclonal 1850CT339.14.1 |
| Formulation | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Mouse |
| Uniprot ID | P10599 |

## Technical Details

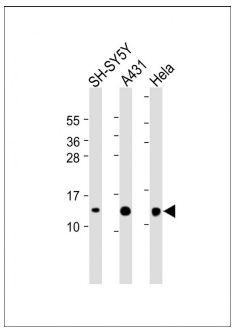
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|---|---|
| Immunogen | This antibody is generated from a mouse immunized with a recombinant protein from human. |
| Predicted Reactive Species | Rat |
| Isotype | IgG1,k |

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| Purification | This antibody is purified through a protein G column, followed by dialysis against PBS. |
| Suggested Dilutions | WB: 1:2000<br>Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users. |

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# Anti-TXN Antibody (M01219-2) Images




All lanes : Anti-TXN at 1:2000 dilutionLane 1: SH-SY5Y whole cell lysateLane 2: A431 whole cell lysateLane 3: Hela whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDaBlocking/Dilution buffer: 5% NFDM/TBST.

Anti-TXN Antibody

For Research Use Only. Not for use in diagnostic procedures.