

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.

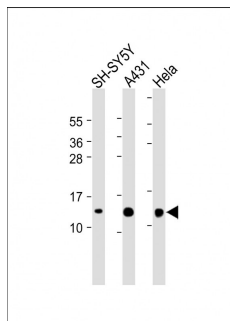
Overview

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 185OCT339.14.1
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

Immunogen	This antibody is generated from a mouse immunized with a recombinant protein from human.
Predicted Reactive Species	Rat
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:2000

Anti-TXN Antibody (M01219-2) Images



All lanes : Anti-TXN at 1:2000 dilution
Lane 1: SH-SY5Y whole cell lysate
Lane 2: A431 whole cell lysate
Lane 3: HeLa whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 12 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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Anti-TXN Antibody

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