

Anti-Thioredoxin TXN Antibody

Catalog Number: A01219-2

About TXN

Seems to phosphorylate critical substrates that regulate the G1/S phase transition and/or DNA replication. Can phosphorylates MCM2 and MCM3.

Sato N., EMBO J. 16:4340-4351(1997).

Hess G.F., Gene 211:133-140(1998).

Jiang W., Proc. Natl. Acad. Sci. U.S.A. 94:14320-14325(1997).

Overview

Product Name	Anti-Thioredoxin TXN Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Thioredoxin TXN Antibody catalog # A01219-2. Tested in WB,IHC,IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10599

Technical Details

Immunogen	Synthesized peptide derived from human CD130/gp130 (Phospho-Ser782)
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

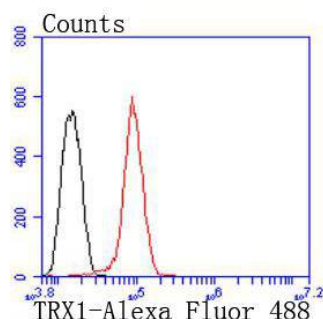
Boster Bio's internal QC testing used:

WB: 1:500-1:2000

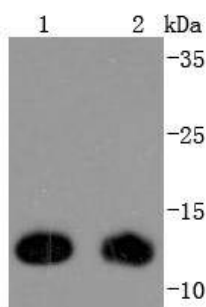
IHC: 1:50-1:200

IF: 1:50-1:200

Anti-Thioredoxin TXN Antibody (A01219-2) Images



Flow cytometric analysis of Hela cells with TRX1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Western blot analysis of TRX1 on different lysates using anti-TRX1 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: 293T

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