

## Anti-TRXR2 TXNRD2 Antibody

Catalog Number: A03900

### About TXNRD2

Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling.

Alexandre Patenaude, J. Biol. Chem., Jun 2004; 279: 27302 - 27314.

Antonio Miranda-Vizueté, Eur. J. Biochem., Apr 1999; 261: 405.

Marcus Conrad, Mol. Cell. Biol., Nov 2004; 24: 9414 - 9423.

Seung-Rock Lee, J. Biol. Chem., Feb 1999; 274: 4722.<

### Overview

Product Name	Anti-TRXR2 TXNRD2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TRXR2 TXNRD2 Antibody (Catalog # A03900). Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
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	Q9NNW7

### Technical Details

Immunogen	Synthesized peptide derived from Internal of human TRXR2.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**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.

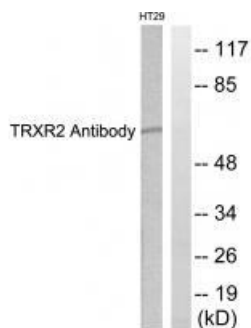
Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

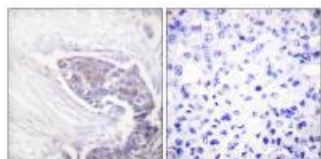
Western blotting: 1:500~1:3000

Immunohistochemistry: 1:50~1:100

## Anti-TRXR2 TXNRD2 Antibody (A03900) Images



Western blot analysis of extracts from HT29 cells, using TRXR2 antibody A03900.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using TRXR2 antibody A03900.

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