

Anti-TXNRD2 Antibody (Monoclonal, 33T56)

Catalog Number: M03900-2

About TXNRD2

TXNRD2(Thioredoxin reductase 2), also known as TRXR2, TR3, SELZ, or TR-BETA, Thioredoxin reductases, are selenocysteine(sec)-containing flavoenzymes that maintain thioredoxins, small proteins that catalyze redox reactions, in the reduced state using the reducing power of NADPH. By STS analysis and genomic sequence analysis, respectively, Miranda-Vizuite et al.(1999) and Sun et al.(1999) mapped the TXNRD2 gene to chromosome 22q11.2. Miranda-Vizuite et al.(1999) mapped the mouse gene to chromosome 16. Gaskaska et al.(1999) showed that TXNRD2 was a thioredoxin reductase that could directly reduce proteins such as insulin.

Overview

Product Name	Anti-TXNRD2 Antibody (Monoclonal, 33T56)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-TXNRD2 Antibody (Monoclonal, 33T56) catalog # M03900-2. Tested in WB, IHC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal 33T56
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Recombinant protein within human TXNRD2 aa 3-522.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200

Immunofluorescence, 1:50-200

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