

**Product Name: Thioredoxin Reductase 2 Rabbit
Monoclonal Antibody
Catalog #: AMRe02733**

Summary

Production Name	Thioredoxin Reductase 2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purification

Immunogen

Gene Name	TXNRD2 mitochondrial; selenoprotein Z; SELZ; Thioredoxin reductase 2; Thioredoxin reductase 2
Alternative Names	mitochondrial; thioredoxin reductase 3; thioredoxin reductase beta; Thioredoxin reductase TR3; TR 3; TR; TR beta; TR-beta; TRXR 2; TRXR2; TRXR2_HUMAN; TXNRD 2; Txnrd2.
Gene ID	10587
SwissProt ID	Q9NNW7.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
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Molecular Weight

Calculated MW: 57 kDa; Observed MW: 57 kDa

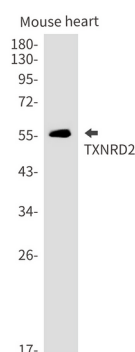
Background

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

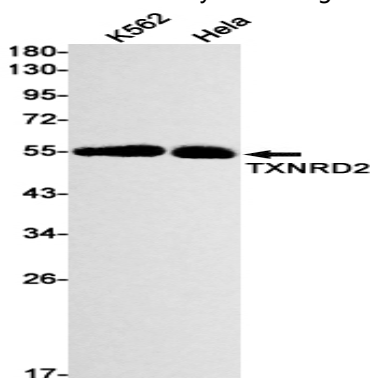
Research Area

Cell Biology

Image Data

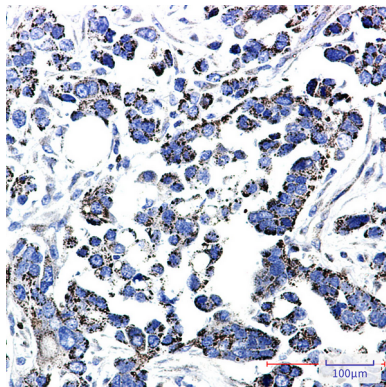


Western blot analysis of TXNRD2 in mouse heart lysates using Thioredoxin Reductase 2 antibody.



Western blot analysis of TXNRD2 in K562, HeLa lysates using TXNRD2 antibody.

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Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using TXNRD2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.