

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

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## Summary

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

## Performance

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

## Immunogen

<b>Gene Name</b>	TXNRD2 mitochondrial; selenoprotein Z; SELZ; Thioredoxin reductase 2; Thioredoxin reductase 2
<b>Alternative Names</b>	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.
<b>Gene ID</b>	10587
<b>SwissProt ID</b>	Q9NNW7

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100
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**Molecular Weight**

Calculated MW: 57 kDa; Observed MW: 57 kDa

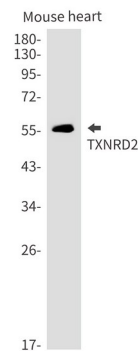
**Background**

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

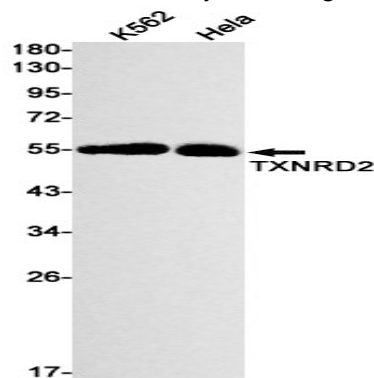
**Research Area**

Cell Biology

**Image Data**



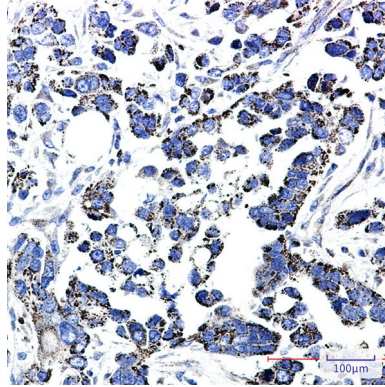
Western blot analysis of TXNRD2 in mouse heart lysates using Thioredoxin Reductase 2 antibody.



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.