

## ARG54100 anti-TXNRD2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes TXNRD2
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	TXNRD2
Species	Human
Immunogen	Purified recombinant human TXNRD2 protein fragments expressed in E.coli.
Conjugation	Un-conjugated
Alternate Names	TR-beta; Thioredoxin reductase 2, mitochondrial; EC 1.8.1.9; TR; Thioredoxin reductase TR3; SelZ; Selenoprotein Z; SELZ; TR3; TRXR2; TR-BETA

### Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

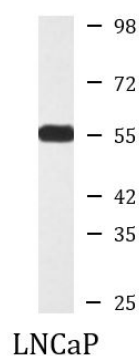
Form	Liquid
Buffer	Ascites
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Database links	<a href="#">GeneID: 10587 Human</a> <a href="#">Swiss-port # Q9NNW7 Human</a>
Gene Symbol	TXNRD2

Gene Full Name	thioredoxin reductase 2
Background	Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling. Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling. Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling. Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling.
Function	Maintains thioredoxin in a reduced state. Implicated in the defenses against oxidative stress. May play a role in redox-regulated cell signaling. [UniProt]
Highlight	Related products: <a href="#">TXNRD2 antibodies</a> ; <a href="#">Anti-Mouse IgG secondary antibodies</a> ; Related poster download: <a href="#">The Structure &amp; Functions of Mitochondria.pdf</a>
Research Area	Cell Biology and Cellular Response antibody; Metabolism antibody
Calculated Mw	57 kDa
Cellular Localization	Mitochondrion

## Images



ARG54100 anti-TXNRD2 antibody WB image

Western blot: LNCaP cell lysate stained with ARG54100 anti-TXNRD2 antibody at 1:1000 dilution.