

# Thioredoxin Reductase 2 Rabbit mAb

Catalog # AP78267

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">Q9NNW7</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Immunogen</b>	A synthesized peptide derived from human TXNRD2
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	56507

## Additional Information

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<b>Gene ID</b>	10587
<b>Other Names</b>	TXNRD2
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

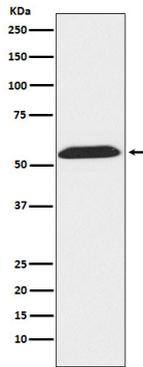
## Protein Information

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<b>Name</b>	TXNRD2 ( <a href="#">HGNC:18155</a> )
<b>Synonyms</b>	KIAA1652, TRXR2
<b>Function</b>	Involved in the control of reactive oxygen species levels and the regulation of mitochondrial redox homeostasis (PubMed: <a href="#">24601690</a> ). Maintains thioredoxin in a reduced state. May play a role in redox- regulated cell signaling.
<b>Cellular Location</b>	Mitochondrion.
<b>Tissue Location</b>	Highly expressed in the prostate, ovary, liver, testis, uterus, colon and small intestine. Intermediate levels in brain, skeletal muscle, heart and spleen. Low levels in placenta, pancreas, thymus and peripheral blood leukocytes. According to PubMed:10608886, high levels in kidney, whereas according to PubMed:9923614, levels are low. High expression is observed in the adrenal

## Images

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