

Thioredoxin Reductase 2 Rabbit mAb
Catalog # AP76219**Specification**

Thioredoxin Reductase 2 Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	Q9NNW7
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	56507

Thioredoxin Reductase 2 Rabbit mAb - Additional Information**Gene ID** 10587**Other Names**
TXNRD2**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Thioredoxin Reductase 2 Rabbit mAb - Protein Information****Name** TXNRD2 ([HGNC:18155](#))**Synonyms** KIAA1652, TRXR2**Function**
Involved in the control of reactive oxygen species levels and the regulation of mitochondrial redox homeostasis (PubMed:24601690). Maintains thioredoxin in a reduced state. May play a role in redox- regulated cell signaling.**Cellular Location**
Mitochondrion.**Tissue Location**
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 cortex (PubMed:24601690).

Thioredoxin Reductase 2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Thioredoxin Reductase 2 Rabbit mAb - Images



