

Thioredoxin Reductase 2 Rabbit mAb

Catalog # AP76219

Product Information

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

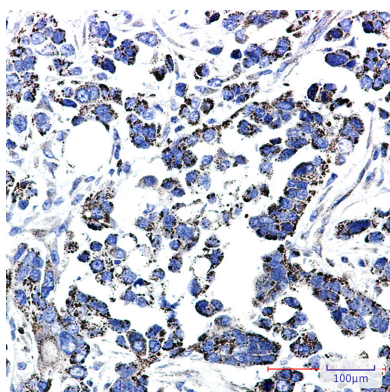
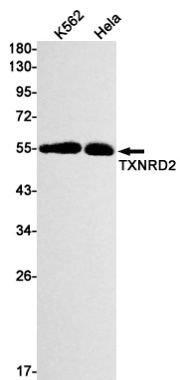
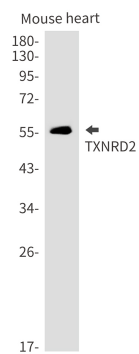
Additional Information

Gene ID	10587
Other Names	TXNRD2
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid

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).

Images



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