

**Thioredoxin Reductase 1 Rabbit mAb**  
Catalog # AP76218**Specification****Thioredoxin Reductase 1 Rabbit mAb - Product Information**

Application	WB, IHC, IF, IP
Primary Accession	<a href="#">Q16881</a>
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	70906

**Thioredoxin Reductase 1 Rabbit mAb - Additional Information****Gene ID** 7296**Other Names**  
TXNRD1**Dilution**  
WB~~1/500-1/1000  
IHC~~1/50-1/100  
IF~~1/50-1/200  
IP~~1/20**Format**  
Liquid**Thioredoxin Reductase 1 Rabbit mAb - Protein Information****Name** TXNRD1 ([HGNC:12437](#))**Synonyms** GRIM12, KDRF**Function**

Reduces disulfideprotein thioredoxin (Trx) to its dithiol- containing form (PubMed:<a href="http://www.uniprot.org/citations/8577704" target="\_blank">8577704</a>). Homodimeric flavoprotein involved in the regulation of cellular redox reactions, growth and differentiation. Contains a selenocysteine residue at the C-terminal active site that is essential for catalysis (Probable). Also has reductase activity on hydrogen peroxide (H2O2) (PubMed:<a href="http://www.uniprot.org/citations/10849437" target="\_blank">10849437</a>).

**Cellular Location**

[Isoform 1]: Cytoplasm [Isoform 5]: Cytoplasm

**Tissue Location**

[Isoform 1]: Expressed predominantly in Leydig cells (at protein level). Also expressed in ovary, spleen, heart, liver, kidney and pancreas and in a number of cancer cell lines

## Thioredoxin Reductase 1 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 1 Rabbit mAb - Images



