Product Name: Thioredoxin Reductase 1 Rabbit Polyclonal Antibody
Catalog #: APRab01347

Summary

Production Name	Thioredoxin Reductase 1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,IHC-P,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	TXNRD1
Alternative Names	TR; TR1; TXNR; TRXR1; GRIM-12
Gene ID	7296
SwissProt ID	Q16881

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 FC: 1/50-1/100
Molecular Weight	Calculated MW: 71 kDa; Observed MW: 55 kDa

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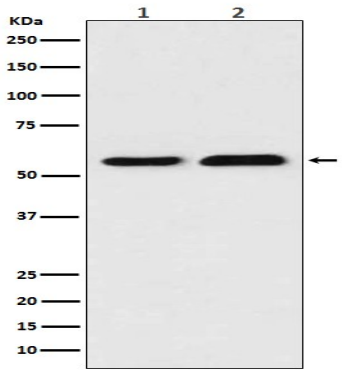
Background

Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions. Isoform 4 enhances the transcriptional activity of estrogen receptors alpha and beta while isoform 5 enhances the transcriptional activity of the beta receptor only. Isoform 5 also mediates cell death induced by a combination of interferon-beta and retinoic acid.

Research Area

Signal Transduction

Image Data



Western blot analysis of TXNRD1 in (1) Jurkat lysates; (2) NIH/3T3 lysates using Thioredoxin Reductase 1 antibody.

Note

For research use only.