

Product Name: TXNRD1 (6I18) Rabbit Monoclonal Antibody
Catalog #: AMRe19460

Summary

Production Name	TXNRD1 (6I18) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
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% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	TXNRD1
Alternative Names	GRIM12; KDRF; KM 102 derived reductase like factor; xidoreductase; Thioredoxin reductase 1; TR1; TRXR1; TXNR; TXNRD1
Gene ID	7296.0
SwissProt ID	Q16881.

Application

Dilution Ratio	WB 1:1000-1:5000, IHC-P/IF-P 1:50-1:100
Molecular Weight	71kDa

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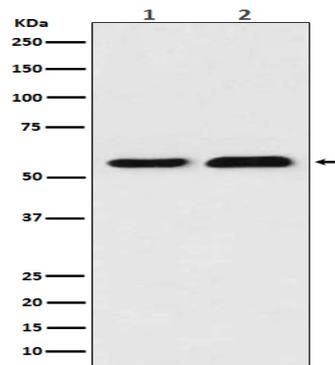


Background

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. 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

Image Data



Western blot analysis of TXNRD1 expression in (1) Jurkat cell lysate; (2) NIH/3T3 cell lysate.

Note

For research use only.