

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,ELISA
Reactivity	Human,Mouse,Rat

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 1:500-1:2000
Molecular Weight	71kDa

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

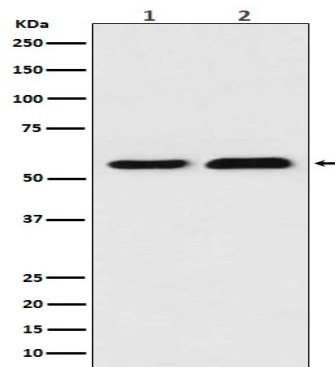


Background

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.