TXNRD1 Rabbit mAb

Catalog No: #59500

SAB®
Signalway Antibody

Package Size: #59500-1 50ul   #59500-2 100ul
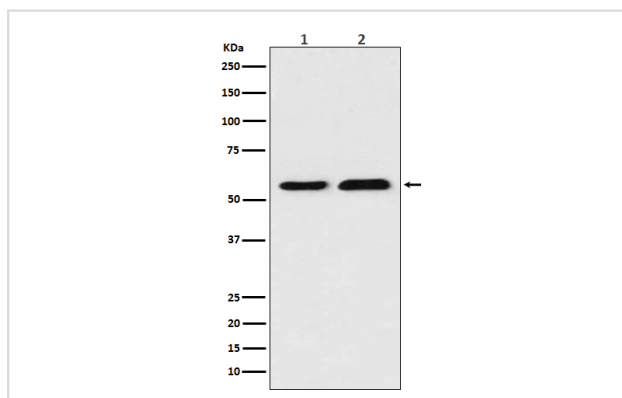
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	TXNRD1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF IP FC
Species Reactivity	Human Mouse Rat
Specificity	TXNRD1 Antibody detects endogenous levels of total TXNRD1
Immunogen Description	A synthesized peptide derived from human TXNRD1
Other Names	GRIM12; KDRF; KM 102 derived reductase like factor; xidoreductase; Thioredoxin reductase 1; TR1; TRXR1; TXNR; TXNRD1
Accession No.	Uniprot:Q16881
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50 FC 1:120

Images

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

Product Description

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.

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.

Note: This product is for in vitro research use only