

Rabbit anti-Human Thioredoxin Reductase 1/TXNRD1/TRXR1 Polyclonal Antibody | anti-TXNRD1/TRXR1 antibody

Rabbit anti-Thioredoxin Reductase 1/TXNRD1/TRXR1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212941	Rabbit	Human	Immunoprecipitation, Western Blot

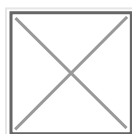
PRODUCT SYNONYMS

Thioredoxin Reductase 1/TXNRD1/TRXR1; Polyclonal Antibody; Rabbit anti-Thioredoxin Reductase 1/TXNRD1/TRXR1 Antibody; Affinity Purified; TRXR1; TXNR; thioredoxin reductase GRIM-12; TR1; TR; thioredoxin reductase TR1; testis tissue sperm-binding protein Li 46a; oxidoreductase; KM-102-derived reductase-like factor; GRIM-12; gene associated with retinoic and interferon-induced mortality 12 protein; gene associated with retinoic and IFN-induced mortality 12 protein; thioredoxin reductase 1; cytoplasmic; Thioredoxin reductase 1; anti-TXNRD1/TRXR1 antibody

PRODUCT SPECIFICATIONS

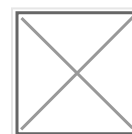
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-TXNRD1/TRXR1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 125 and 175
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Thioredoxin Reductase 1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Thioredoxin Reductase 1 antibody AAA212941 (lot AAA212941-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human Thioredoxin Reductase 1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Thioredoxin Reductase 1 antibody AAA212941 (lot AAA212941-1) used for IP at 6 ug per reaction. Thioredoxin Reductase 1 was also immunoprecipitated by rabbit anti-Thioredoxin Reductase 1 antibody BL18351. For blotting immunoprecipitated Thioredoxin Reductase 1, AAA212941 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-TXNRD1/TRXR1 antibody	Thioredoxin Reductase 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to formation of cell membrane protrusions [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q16881].
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	7296
UniProt Accession #	Q16881
UniProt Protein Name	Thioredoxin reductase 1, cytoplasmic
UniProt Gene Name	TXNRD1
UniProt Synonym Gene Names	GRIM12; KDRF; TR; GRIM-12; Gene associated with retinoic and IFN-induced mortality 12 protein
UniProt Entry Name	TRXR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/thioredoxin-reductase-1-txnrd1-trxr1-antibody-immunoprecipitation-western-blot-elisa/212941>