

THIOREDOXIN REDUCTASE 1 RABBIT MAB

Cat.#: N263041

Product Name: Anti-Thioredoxin Reductase 1 Rabbit Monoclonal Antibody

Synonyms: TR; TR1; TXNR; TRXR1; GRIM-12

UNIPROT ID: Q16881

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.

Immunogen: Recombinant protein of human TXNRD1

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-814

MW: Calculated MW: 71 kDa; Observed MW: 55 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse

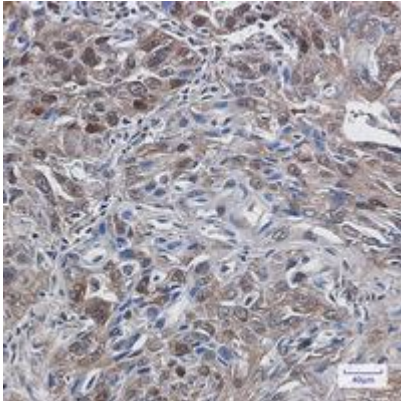
Conjugation: Unconjugated

Modification: Unmodified

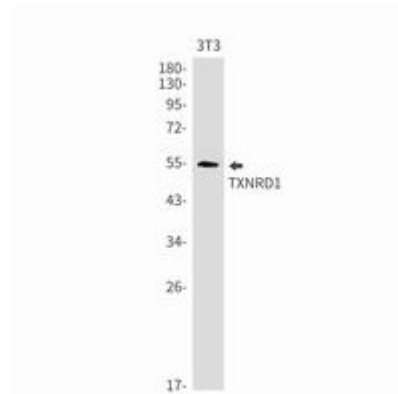
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

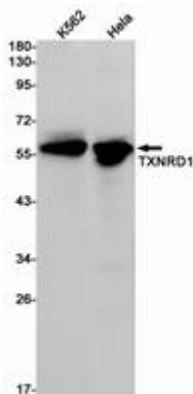
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



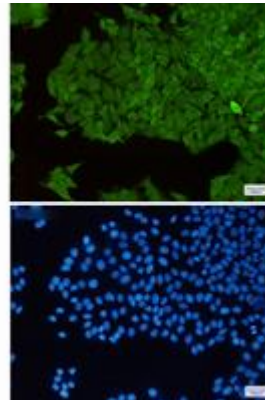
Immunohistochemistry analysis of paraffin-embedded Human lung cancer using TXNRD1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of TXNRD1 in 3T3 lysates using Thioredoxin Reductase 1 antibody.



Western blot analysis of TXNRD1 in K562, HeLa lysates using TXNRD1 antibody.



Immunocytochemistry analysis of TXNRD1 (green) in HeLa using TXNRD1 antibody, and DAPI (blue).