

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

THIOREDOXIN REDUCTASE 1 RABBIT PAB

Cat.#: N225854

Product Name: Anti-Thioredoxin Reductase 1 Rabbit pAb

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: A synthesized peptide derived from human TXNRD1

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

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

1/20 FC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Clone ID: -

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

Isotype: IgG

Purification: Affinity Chromatography **Species Reactivity:** Human, Mouse, Rat

Conjugation: Unconjugated **Modification:** Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

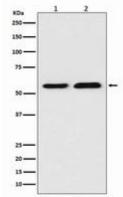
Research Areas: Signal Transduction

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



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Western blot analysis of TXNRD1 in (1) Jurkat lysates; (2) NIH/3T3 lysates using Thioredoxin Reductase 1 antibody.