

Product datasheet for **TA385501**

TXNRD1 Rabbit Polyclonal Antibody

Product data:

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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | FC, IF, IHC, IP, WB |
| Recommended Dilution: | WB: 1/500-1/2000 IHC: 1/50-1/200 ICC/IF: 1/50-1/200 IP: 1/50 FC: 1/120 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthesized peptide derived from human TXNRD1 |
| Formulation: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Stability: | 1 year |
| Predicted Protein Size: | 55kDa |
| Gene Name: | thioredoxin reductase 1 |
| Database Link: | Entrez Gene 7296 Human Q16881 |



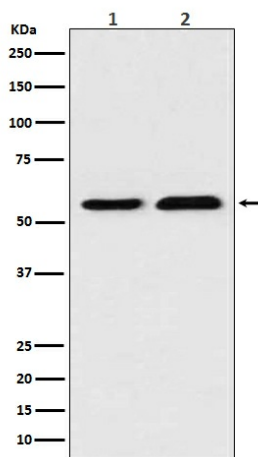
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Background:

Swiss-Prot Acc.Q16881.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.

Synonyms:

GRIM-12; KDRF; MGC9145; oxidoreductase; TR; TR1; TRXR1; TXNR

Product images:

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