

**Product Name: Thioredoxin Reductase 1 Rabbit
Monoclonal Antibody
Catalog #: AMRe02732**

Summary

| | |
|------------------------|--|
| Production Name | Thioredoxin Reductase 1 Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC-F,IHC-P,ICC/IF,IP |
| Reactivity | Human,Mouse |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|-------------------------------|
| Gene Name | TXNRD1 |
| Alternative Names | TR; TR1; TXNR; TRXR1; GRIM-12 |
| Gene ID | 7296 |
| SwissProt ID | Q16881 |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20 |
| Molecular Weight | Calculated MW: 71 kDa; Observed MW: 55 kDa |

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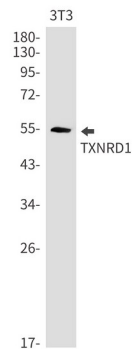
Background

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.

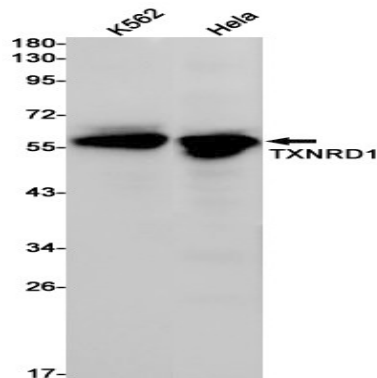
Research Area

Signal Transduction

Image Data

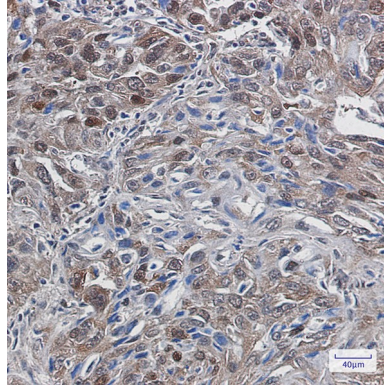


Western blot analysis of TXNRD1 in 3T3 lysates using Thioredoxin Reductase 1 antibody.

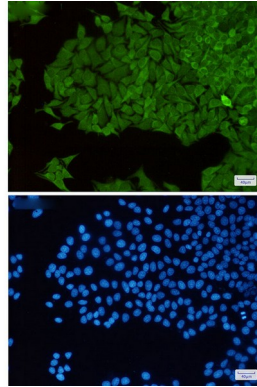


Western blot analysis of TXNRD1 in K562, HeLa lysates using TXNRD1 antibody.

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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.



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

Note

For research use only.