



[Go to Product page](#)

Datasheet for ABIN7172019
anti-TXNRD1 antibody (AA 1-497) (Biotin)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | TXNRD1 |
| Binding Specificity: | AA 1-497 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TXNRD1 antibody is conjugated to Biotin |
| Application: | ELISA |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human Thioredoxin reductase 1, cytoplasmic protein (1-497AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | TXNRD1 |
| Alternative Name: | TXNRD1 (TXNRD1 Products) |
| Background: | 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 |

Target Details

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.

Aliases: cytoplasmic antibody, Gene associated with retinoic and IFN-induced mortality 12 protein antibody, Gene associated with retinoic and interferon-induced mortality 12 protein antibody, Gene associated with retinoid IFN induced mortality 12 protein antibody, GRIM 12 antibody, GRIM-12 antibody, GRIM12 antibody, KDRF antibody, KM 102 derived reductase like factor antibody, KM-102-derived reductase-like factor antibody, MGC9145 antibody, Oxidoreductase antibody, Thioredoxin reductase 1 antibody, Thioredoxin reductase 1 cytoplasmic antibody, Thioredoxin reductase GRIM 12 antibody, Thioredoxin reductase TR1 antibody, TR 1 antibody, TR antibody, TR1 antibody, TRXR 1 antibody, TRXR1 antibody, TRXR1_HUMAN antibody, TXNR antibody, TXNRD 1 antibody, Txnrd1 antibody

UniProt: [Q16881](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#), [Regulation of Carbohydrate Metabolic Process](#), [Cell RedoxHomeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.