

Datasheet for ABIN7119913 **anti-TXNRD1 antibody**



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Overview

Quantity:	100 µg
Target:	TXNRD1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNRD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	thioredoxin reductase 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	TXNRD1
Alternative Name:	TXNRD1 (TXNRD1 Products)
Background:	Synonyms: GRIM 12, GRIM12, KDRF, thioredoxin reductase 1, Thioredoxin reductase TR1, TR, TR1, TRXR1, TXNR, TXNRD1 Background: Isoform 1 may possess glutaredoxin activity as well as thioredoxin reductase activity and induces actin and tubulin polymerization, leading to

Target Details

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.

Molecular Weight: 54 kDa

Gene ID: 7296

UniProt: [Q16881](#)

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

Application Details

Application Notes: WB: 1:500-1:5000, IHC: 1:20-1:200, IF: 1:10-1:100, IP: 1:200-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months