

**Thioredoxin Reductase 1 polyclonal antibody**

Catalog: BZ16838

Host: Rabbit

Reactivity: Human, Mouse, Rat

**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.

**Product:**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Molecular Weight:**

Calculated MW: 71 kDa; Observed MW: 55 kDa

**Swiss-Prot:**

Q16881

**Purification&Purity:**

Affinity Purified

**Applications:**

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

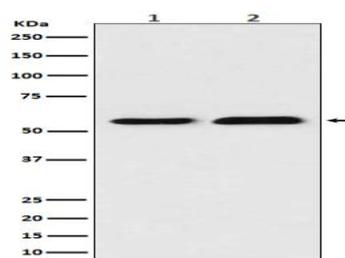
IP: 1/20 FC: 1/50-1/100

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

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

**Note:**

For research use only, not for use in diagnostic procedure.

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