

Datasheet: VPA00739

BATCH NUMBER 170613

Description:	RABBIT ANTI THIOREDOXIN
Specificity:	THIOREDOXIN
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Rabbit polyclonal antibody purified by affinity chromatography on Protein A

Buffer Solution

HEPES buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
1% Bovine Serum Albumin

<50% Glycerol

Immunogen *E. coli*-derived recombinant protein of human thioredoxin

External Database Links

UniProt:

[P10599](#) [Related reagents](#)

Entrez Gene:

[7295](#) TXN [Related reagents](#)

Synonyms TRDX, TRX, TRX1

Specificity **Rabbit anti Human thioredoxin antibody** recognizes thioredoxin also known as ADF, ATL-derived factor, SASP delta 3, surface-associated sulphhydryl protein or TXN delta 3.

The protein encoded by this gene acts as a homodimer and is involved in many redox reactions. The encoded protein is active in the reversible S-nitrosylation of cysteines in certain proteins, which is part of the response to intracellular nitric oxide. This protein is found in the cytoplasm. Two transcript variants encoding different isoforms have been found for this gene (provided by RefSeq, Oct 2011).

Rabbit anti Human thioredoxin antibody detects a band of 12 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti thioredoxin antibody recognizes a band of approximately 12 kDa in HepG2 cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information Material Safety Datasheet documentation #10088 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00739>
Antibody (10088)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
'M371012:200529'

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