

Thioredoxin 2 (Trx2/TXN2) Rabbit mAb

Catalog No.: A4424

Recombinant

2 Publications

Basic Information

Observed MW

13kDa

Calculated MW

18kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1003

Background

This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small multifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

25828

Swiss Prot

Q99757

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 67-166 of human TXN2 (Q99757).

Synonyms

TXN; MTRX; TRX2; MT-TRX; COXPD29; Thioredoxin 2 (Trx2/TXN2)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

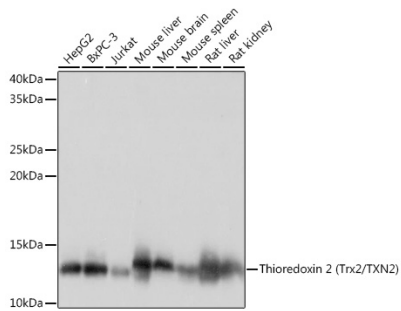
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using Thioredoxin 2 (Trx2/TXN2) Rabbit mAb (A4424) at 1:1000 dilution.

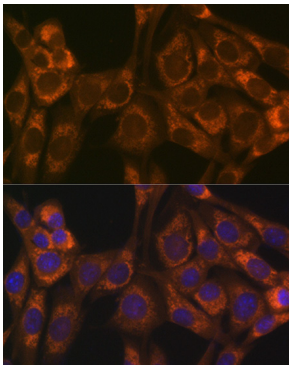
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunofluorescence analysis of NIH-3T3 cells using Thioredoxin 2 (Trx2/TXN2) (Trx2/TXN2) Rabbit mAb (A4424) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.