

# Thioredoxin 1 (Trx1/TXN) Rabbit mAb

Catalog No.: A4024 **Recombinant** **3 Publications**

## Basic Information

### Observed MW

12 kDa

### Calculated MW

12 kDa

### Category

Primary antibody

### Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2658

## Background

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.

## Recommended Dilutions

**WB** 1:2000 - 1:10000

**IHC-P** 1:1000 - 1:8000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

7295

### Swiss Prot

P10599

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

TRX; TRDX; TRX1; Trx80; Thioredoxin 1 (Trx1/TXN)

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

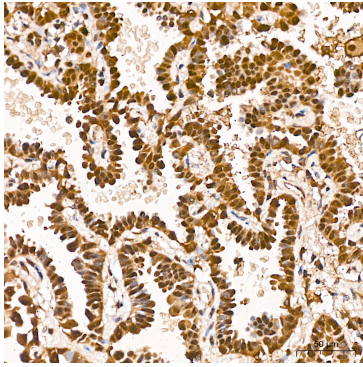
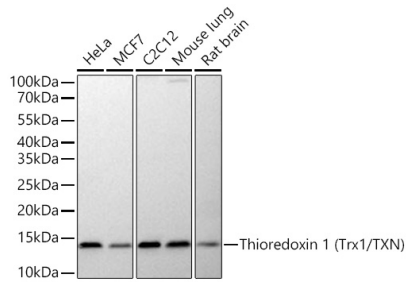
Affinity purification

### Storage

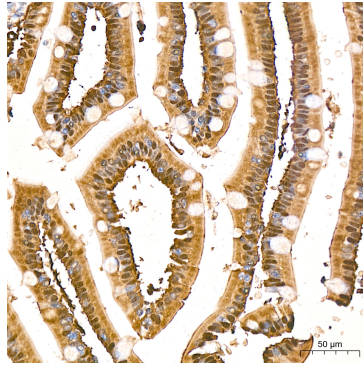
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

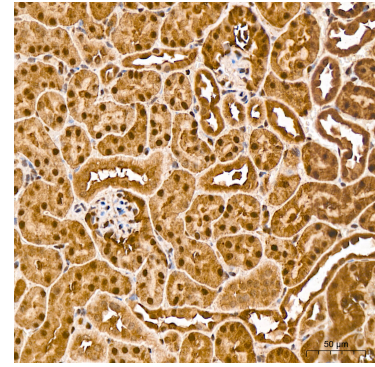
## Validation Data



Immunohistochemistry analysis of paraffin-embedded Human lung adenocarcinoma tissue using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (A4024) at a dilution of 1:1600 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human small intestine tissue using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (A4024) at a dilution of 1:1600 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (A4024) at a dilution of 1:1600 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.