

TRX1 Rabbit Monoclonal Antibody

CAB4024



Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

12KDa

Calculated MW:

12kDa

Applications:

WB, IHC-P

Reactivity:

Human, Mouse, Rat

Category:

Monoclonal Antibodies

Conjugation:

Unconjugated

Clone number:

ARC2658

Protein 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.

Immunogen information

Gene ID:

7295

Uniprot

P10599

Synonyms:

TRDX; TRX; TRX1; Trx80

Immunogen:

A synthesized peptide corresponding to a sequence within amino acids 26-105 of human Thioredoxin 1 (Trx1/TXN) (P10599)

Storage:

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

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

Antibody Information

Recommended dilutions:

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

Source:

Rabbit

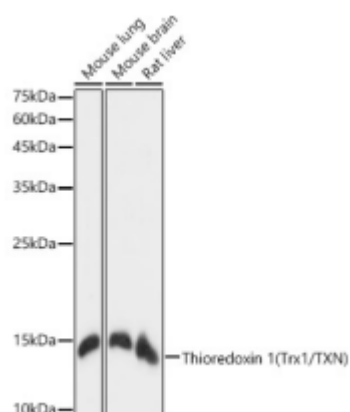
Isotype:

IgG

Purification:

Affinity purification

Product Images



Western blot analysis of various lysates, using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (CAB4024) at 1:1000 dilution.

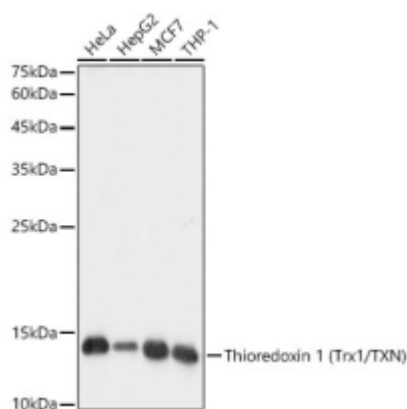
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (AbGn00020).

Exposure time: 1s.



Western blot analysis of various lysates, using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (CAB4024) at 1:1000 dilution.

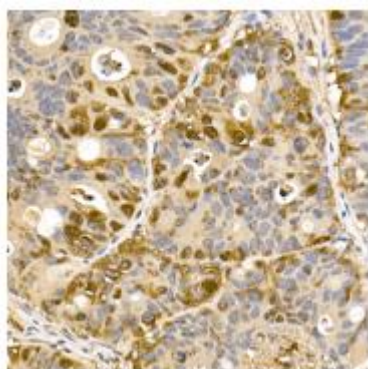
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

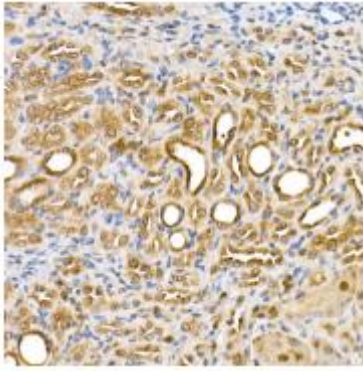
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (AbGn00020).

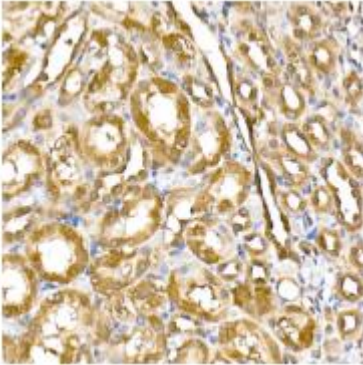
Exposure time: 10s.



Immunohistochemistry of paraffin embedded human colon carcinoma using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (CAB4024) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin embedded mouse kidney using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (CAB4024) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin embedded rat kidney using Thioredoxin 1 (Trx1/TXN) Rabbit mAb (CAB4024) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.