Mouse anti Trx-Tag Monoclonal Antibody

CABE023

Product Information

Size:

100 uL

Observed MW:

Refer to Figures

Calculated MW:

Applications:

WB

Reactivity:

Antibody Information

Recommended dilutions:
WB 1:2000 - 1:5000

Source:
Mouse

Isotype:
IgG

Purification:
Affinity purification

Protein Background

Thioredoxin is a class of small redox proteins known to be present in all organisms. It plays a role in many important biological processes, including redox signaling. In humans, thioredoxins are encoded by TXN and TXN2 genes. Loss-of-function mutation of either of the two human thioredoxin genes is lethal at the four-cell stage of the developing embryo. Although not entirely understood, thioredoxin plays a central role in humans and is increasingly linked to medicine through their response to reactive oxygen species (ROS). In plants, thioredoxins regulate a spectrum of critical functions, ranging from photosynthesis to growth, flowering and the development and germination of seeds. It has also recently been found to play a role in cell-to-cell communication.

Immunogen information

Gene ID:

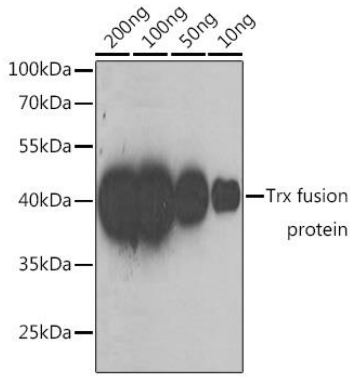
Uniprot

Synonyms:
TRX; TRX tag; TRX-tag

Immunogen:
Recombinant protein of Trx tag

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of over-expressed Trx fusion protein using Trx-tag antibody (CABE023) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Blocking buffer: 3% nonfat dry milk in TBST.

