

For Research Use Only

TRX2/TXN2 Recombinant antibody

Catalog Number: 85212-2-RR



Basic Information

Catalog Number:

85212-2-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3640

GenBank Accession Number:

BC013726

GeneID (NCBI):

25828

UNIPROT ID:

Q99757

Full Name:

thioredoxin 2

Calculated MW:

166 aa, 18 kDa

Observed MW:

12 kDa

Purification Method:

Protein A purification

CloneNo.:

242707H4

Recommended Dilutions:

WB: 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, monkey

Positive Controls:

WB : HeLa cells, HEK-293 cells, Raji cells, L02 cells, C2C12 cells, COS-7 cells, Vero cells

Background Information

TXN2 (Thioredoxin-2) is also named as TRX2, MTRX, Mt-TRX, and regulates the mitochondrial redox state and plays an important role in cell proliferation. It has been shown that cells conditionally deficient in Trx2 undergo apoptosis in the absence of exogenous stress, accompanied by an accumulation of intracellular ROS, the activation of caspase 9 and caspase 3, and the release of cytochrome c into the cytosol. (PMID: 18441302).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

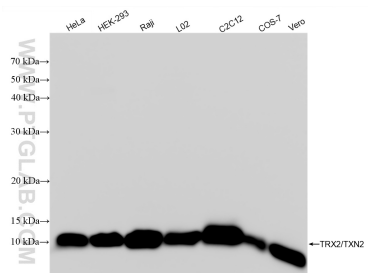
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85212-2-RR (TRX2/TXN2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.