

TXN2 Rabbit Polyclonal Antibody



CAB12591

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

13kDa

Calculated MW:

18kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

25828

Uniprot

Q99757

Synonyms:

TXN2; COXPD29; MT-TRX; MTRX; TRX2; TXN

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

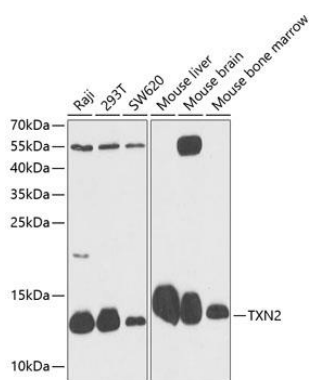
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-166 of human TXN2 (NP_036605.2).

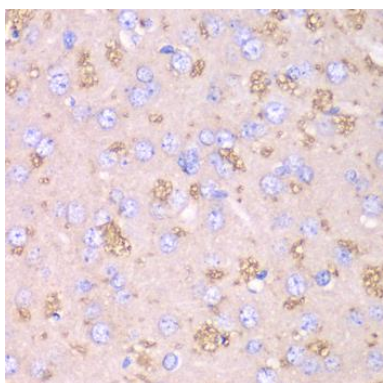
Storage:

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

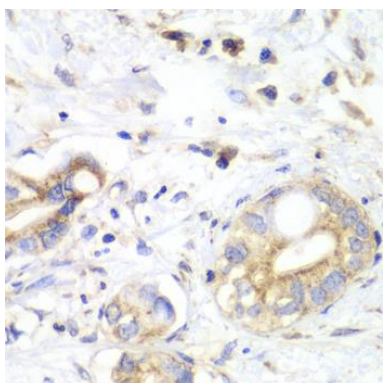
Product Images



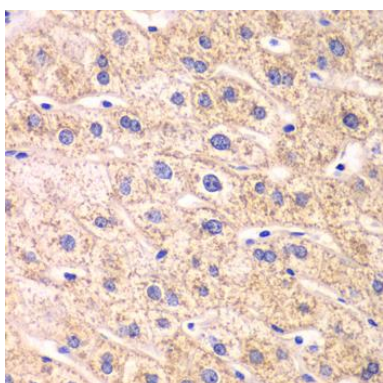
Western blot analysis of extracts of various cell lines, using TXN2 antibody (CAB12591) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded rat brain using TXN2 antibody (CAB12591) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using TXN2 antibody (CAB12591) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver damage using TXN2 antibody (CAB12591) at dilution of 1:100 (40x lens).