TXNDC12 Rabbit Polyclonal Antibody

CAB14403

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

19kDa

Calculated MW:

19kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

This gene encodes a member of the thioredoxin superfamily. Members of this family are characterized by a conserved active motif called the thioredoxin fold that catalyzes disulfide bond formation and isomerization. This protein localizes to the endoplasmic reticulum and has a single atypical active motif. The encoded protein is mainly involved in catalyzing native disulfide bond formation and displays activity similar to protein-disulfide isomerases. This protein may play a role in defense against endoplasmic reticulum stress. Alternate splicing results in both coding and non-coding variants.

Immunogen information

Gene ID:
51060

Uniprot
O95881

Synonyms:
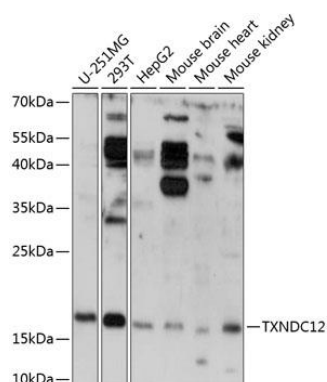TXNDC12; AG1; AGR1; ERP16; ERP18; ERP19; PDIA16; TLP19; hAG-1; hTLP19

Immunogen:
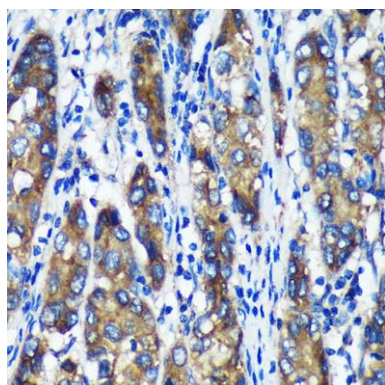Recombinant fusion protein containing a sequence corresponding to amino acids 93-172 of human TXNDC12 (NP_056997.1).

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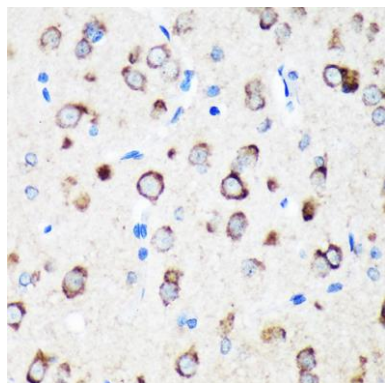Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
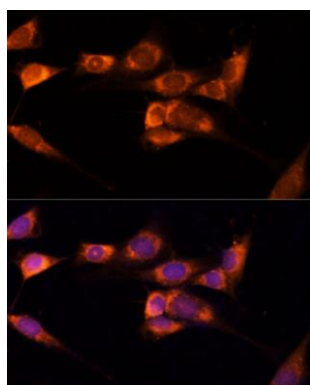
Product Images

Western blot analysis of extracts of various cell lines, using TXNDC12 antibody (CAB14403) at 1:3000 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: 90s.

Immunohistochemistry of paraffin-embedded Human liver cancer using TXNDC12 Rabbit pAb (CAB14403) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded Rat brain using TXNDC12 Rabbit pAb (CAB14403) at dilution of 1:100 (40x lens).

Immunofluorescence analysis of NIH-3T3 cells using TXNDC12 Polyclonal Antibody (CAB14403) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.