

Anti-TXN antibody

| | |
|-----------------|---|
| Cat. No. | ml261189 |
| Package | 25 µl/100 µl/200 µl |
| Storage | -20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol |

Product overview

| | |
|---------------------|-------------------------------------|
| Description | Anti-TXN rabbit polyclonal antibody |
| Applications | ELISA, WB, IHC |
| Immunogen | Synthetic peptide of human TXN |
| Reactivity | Human, Rat |
| Content | 0.2 mg/ml |
| Host species | Rabbit |
| Ig class | Immunogen-specific rabbit IgG |
| Purification | Antigen affinity purification |

Target information

| | |
|------------------|-------------|
| Symbol | TXN |
| Full name | Thioredoxin |

Synonyms TRX; TRDX; TRX1

Swissprot P10599

Target 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. Participates in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyzes dithiol-disulfide exchange reactions.

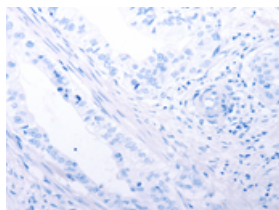
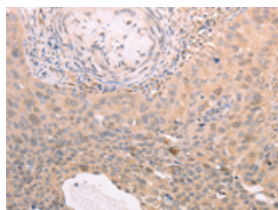
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human cervical cancer

Recommended dilution: 25-100

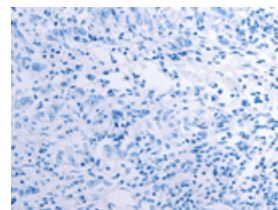
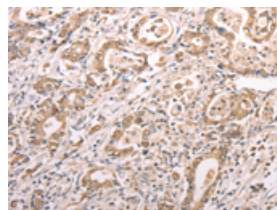


The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml261189(TXN Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human gastric cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml261189(TXN Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 12 kDa

Positive control: A172 and hela cells

Recommended dilution: 200-1000

Gel: 12%SDS-PAGE

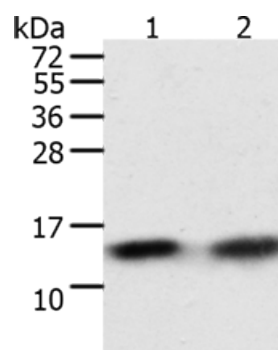
Lysate: 40 µg

Lane 1-2: A172 cells, hela cells

Primary antibody: ml261189(TXN Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 1000-2000

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