

A19931

Leader in Biomolecular Solutions for Life Science



[KO Validated] TXNDC5 Rabbit pAb

Catalog No.: A19931

KO Validated

1 Publications

Basic Information

Observed MW

50kDa

Calculated MW

48kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

Background

This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal endoplasmic reticulum (ER)-signal sequence, three catalytically active thioredoxin domains and a C-terminal ER-retention sequence. Its expression is induced by hypoxia and its role may be to protect hypoxic cells from apoptosis. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream BLOC1S5 gene.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

81567

Swiss Prot

Q8NBS9

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-324 of human TXNDC5 (NP_001139021.1).

Synonyms

HCC2; ERP46; HCC-2; STRF8; PDIA15; UNQ364; ENDOPDI; C5

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

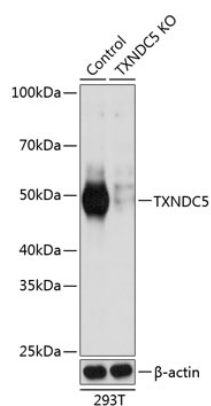
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of lysates from wild type (WT) and TXNDC5 knockout (KO) 293T cells, using [KO Validated] TXNDC5 Rabbit pAb (A19931) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1s.