

A3516

Leader in Biomolecular Solutions for Life Science



TXNDC5 Rabbit pAb

Catalog No.: A3516

Basic Information

Observed MW

48kDa

Calculated MW

48kDa

Category

Polyclonal Antibody

Applications

WB

Cross-Reactivity

Human

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 1:1000 - 1:2000

Immunogen Information

Gene ID

81567

Swiss Prot

Q8NBS9

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

HCC2; ERP46; HCC-2; STRF8; PDIA15; UNQ364; ENDOPDI; TXNDC5

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

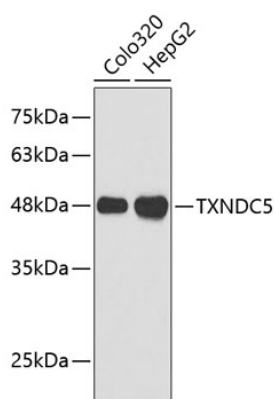
Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, pH7.3.

Validation Data



Western blot analysis of various lysates using TXNDC5 Rabbit pAb (A3516).
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.