

# TXNDC5 Rabbit pAb

Catalog No.: A3516

## Basic Information

### Observed MW

48kDa

### Calculated MW

48kDa

### Category

Primary 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

A synthetic peptide of human TXNDC5

### Synonyms

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

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

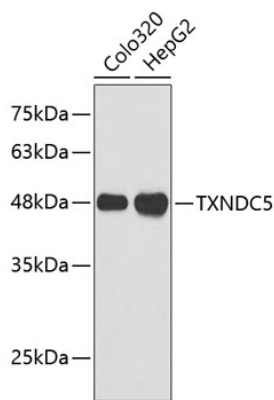
Affinity purification

### Storage

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

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

# Validation Data



Western blot analysis of extracts of various cell lines, using TXNDC5 antibody (A3516).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.