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Datasheet for ABIN7119910 **anti-TXNDC5 antibody**

Overview

Quantity:	100 µg
Target:	TXNDC5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNDC5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	thioredoxin domain containing 5 (endoplasmic reticulum)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	TXNDC5
Alternative Name:	TXNDC5 (TXNDC5 Products)
Background:	Synonyms:EndoPDI, ER protein 46, ERP46, Hcc 2, PDIA15, Thioredoxin like protein p46, TLP46, TXNDC5, UNQ364 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)-

Target Details

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.

Molecular Weight: 50 kDa

Gene ID: 81567

UniProt: [Q8NBS9](#)

Pathways: [Cell RedoxHomeostasis](#)

Application Details

Application Notes: WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.1 % sodium azide and 50 % glycerol pH 7.3 ,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months