

Datasheet for ABIN651065
anti-TXNDC12 antibody (C-Term)

3 Images

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Overview

Quantity:	400 µL
Target:	TXNDC12
Binding Specificity:	AA 144-172, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNDC12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This TXNDC12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 144-172 amino acids from the C-terminal region of human TXNDC12.
Clone:	RB21050
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TXNDC12
Alternative Name:	TXNDC12 (TXNDC12 Products)
Background:	TXNDC12 belongs to the thioredoxin superfamily (see TXN, MIM 187700). Members of this

Target Details

superfamily possess a thioredoxin fold with a consensus active-site sequence (CxxC) and have roles in redox regulation, defense against oxidative stress, refolding of disulfide-containing proteins, and regulation of transcription factors

Gene ID: 51060

NCBI Accession: [NP_056997](#)

UniProt: [O95881](#)

Pathways: [Cell RedoxHomeostasis](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

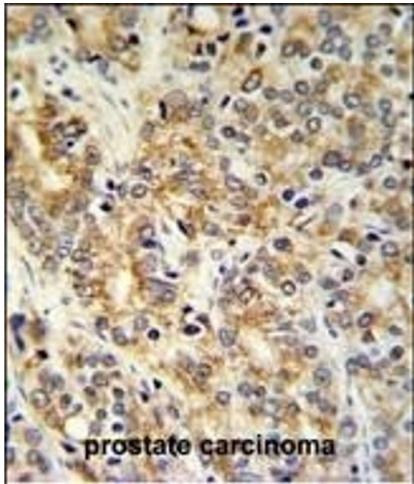
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

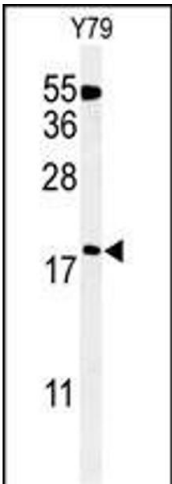
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



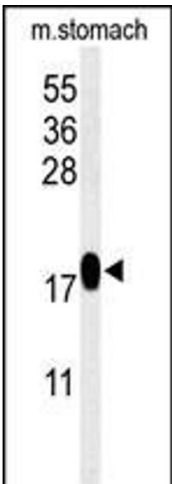
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. TXNDC12 Antibody (C-term) (ABIN651065 and ABIN2840056) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TXNDC12 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of TXNDC12 Antibody (C-term) (ABIN651065 and ABIN2840056) in Y79 cell line lysates (35 µg/lane). TXNDC12 (arrow) was detected using the purified Pab.



Western Blotting

Image 3. Western blot analysis of TXNDC12 Antibody (C-term) (ABIN651065 and ABIN2840056) in mouse stomach tissue lysates (35 µg/lane). TXNDC12 (arrow) was detected using the purified Pab.