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Datasheet for ABIN5517658 **anti-TXNDC2 antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	TXNDC2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TXNDC2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TXNDC2
Sequence:	GDDLPKSSAN TSHPKQDDSP KSSEETIQPK EGDIPKAPEE TIQSKKEDLP
Characteristics:	This is a rabbit polyclonal antibody against TXNDC2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TXNDC2
Alternative Name:	TXNDC2 (TXNDC2 Products)
Background:	TXNDC2 probably plays a regulatory role in sperm development. It may participate in regulation

Target Details

of fibrous sheath (FS) assembly by supporting the formation of disulfide bonds during sperm tail morphogenesis. It may also be required to rectify incorrect disulfide pairing and generate suitable pairs between the FS constituents. It can reduce disulfide bonds in vitro in the presence of NADP and thioredoxin reductase.

Alias Symbols: TXNDC2, SPTRX, SPTRX1,

Protein Interaction Partner: APOA1, TXNDC2,

Protein Size: 553

Gene ID: 84203

UniProt: [Q86VQ3](#)

Pathways: [Cell RedoxHomeostasis](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.