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Datasheet for ABIN2788255
anti-SPANXC antibody (N-Term)

1 Image

Overview

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

Product Details

Sequence:	EVNETMPETP TGSDPQPAP KKMKTSESST ILVVRYRRNV KRTSPELLN
Predicted Reactivity:	Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against SPANXC. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	SPANXC
Alternative Name:	SPANXC (SPANXC Products)
Background:	Temporally regulated transcription and translation of several testis-specific genes is required to initiate the series of molecular and morphological changes in the male germ cell lineage

Target Details

necessary for the formation of mature spermatozoa. This gene is a member of the SPANX family, which is located in a gene cluster on chromosome X. The SPANX genes encode differentially expressed testis-specific proteins that localize to various subcellular compartments. This particular gene encodes a protein that localizes to the nucleus and is expressed in highly metastatic cell lines, making the protein a potential diagnostic and prognostic marker. The protein belongs to a family of cancer/testis antigens and represents a potential target for cancer immunotherapy.

Alias Symbols: C, CT11.3, CTp11, SPANX-C

Protein Interaction Partner: SETBP1,

Protein Size: 97

Molecular Weight: 11 kDa

Gene ID: 64663

NCBI Accession: [NM_022661](#), [NP_073152](#)

UniProt: [Q9NY87](#)

Application Details

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

Comment: Antigen size: 97 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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.

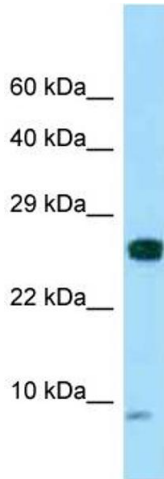
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-SPANXC Antibody Titration:
1.0 ug/ml Positive Control: Hela Whole Cell