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Datasheet for ABIN1698260

**anti-SPANXB1 antibody (AA 1-80) (Alexa Fluor 647)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | SPANXB1   |
| Binding Specificity: | AA 1-80   |
| Reactivity:          | Human   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This SPANXB1 antibody is conjugated to Alexa Fluor 647  |
| Application:         | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human SPANXB1 |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human   |
| Purification:         | Purified by Protein A.                                      |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | SPANXB1  |
| Alternative Name: | SPANXB1 ( <a href="#">SPANXB1 Products</a> )   |
| Background:       | Synonyms: Cancer/testis antigen 11.2, Cancer/testis antigen family 11, member 2, CT11.2, |

## Target Details

hCG2036708, Nuclear associated protein SPAN Xb, Nuclear-associated protein SPAN-Xb, Nuclear-associated protein SPAN-Xf, SPAN Xb protein, SPAN Xf, SPANX, SPANX B, SPANX C, SPANX F, SPANX family member B/F, SPANX family, member B1, SPANX family, member B2, SPANX family, member F1, SPANX-B, SPANX-F, SPANXB, SPANXB2, SPANXF, SPANXF1, Sperm protein associated with the nucleus on the X chromosome B/F, Sperm protein associated with the nucleus, X chromosome, family, Sperm protein associated with the nucleus, X chromosome, family member B1, Sperm protein associated with the nucleus, X chromosome, family member B2, SPNXB\_HUMAN.

Background: A variety of morphological and molecular changes are required for mature spermatozoa formation. These steps are temporally guided by the transcription and translation of several testis-specific genes. SPANX (sperm protein associated with the nucleus, X-linked) family members are sperm- and testis-specific proteins containing between 97-103 amino acids, whose genes form a cluster on chromosome X. Sharing a high level of sequence similarity, SPANX-A, -B, -C, -D and -E localize to both cytoplasm and nucleus where they are associated with nuclear craters. SPANX-B (Sperm protein associated with the nucleus on the X chromosome B/F) is a 103 amino acid protein that is detected in round and elongating spermatids.

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Handling

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|                  |   |
|------------------|---|
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date:     | 12 months   |