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Datasheet for ABIN1694620

anti-SPANXB1 antibody (AA 1-80) (Alexa Fluor 488)

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 488
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 (SPANXB1 Products)
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

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

Expiry Date: 12 months