antibodies.com

Datasheet for ABIN129672 anti-SPANXC antibody (AA 31-47)

Image



Overview

Quantity:	100 µg
Target:	SPANXC
Binding Specificity:	AA 31-47
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPANXC antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated
	immunizations with a synthetic peptide corresponding to amino acids 31-47 of human SPANX-
	C protein.
lsotype:	lgG
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	SPANXC
Alternative Name:	SPANX (SPANXC Products)
Background:	This antibody is designed, produced, and is suitable for Cancer, Immunology and Nuclear
	Signaling research. Human Sperm Proteins Associated with the Nucleus on X-chromosome

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN129672 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Target Details

	 (SPANX) are relatively low molecular weight cytoplasmic proteins found in testis and sperm. Their expression in other tissues indicates malignancies. Family members are observed as proteins that range from 15 to 20 kDa. Synonyms: Cancer-testis-associated protein CTp11 antibody, CTP11 antibody, Nuclear associated protein SPAN Xc antibody, SPANX family, member C antibody
Gene ID:	64663, 57471638
UniProt:	Q9NY87
Application Details	
Application Notes:	This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.92 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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



Western Blotting

Image 1. Western blot using affinity purified anti-SPANX (pan) antibody shows detection of a band at ~17 kDa corresponding to SPANX-C present in a nuclear extract from VWM105 cells (left panel, arrowhead). VWM105 cells are derived from a human melanoma and are positive for SPANX proteins. Lane 2 shows reactivity with a purified recombinant SPANX-C fusion protein. The right panel shows similar reactivity with purified recombinant SPANX-B, SPANX-C and SPANX-N proteins. Proteins were separated by SDS-PAGE, transferred to nitrocellulose, and probed with the primary antibody diluted to 1:1,000. IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX was used (left). IRDye is a trademark of LI-COR, Inc. Size estimation was made by comparison to prestained MW markers as indicated. Personal Communication. Vladimir Larionov, NIH, CCR, Bethesda, MD.