

Product Datasheet

SPANXC Antibody - BSA Free

NBP1-77925-0.1mg

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-77925-0.1mg

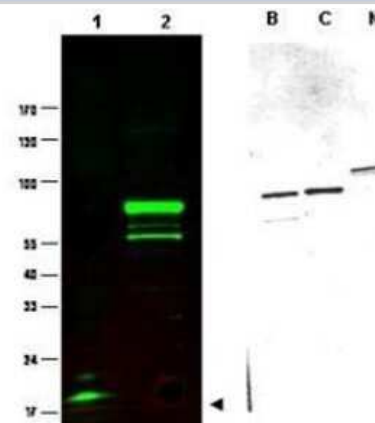
SPANXC Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This Protein A purified antibody is directed against human SPANXC protein. The product was purified from monospecific antiserum by protein A chromatography followed by exhaustive dialysis against the buffer stated above. Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	64663
Gene Symbol	SPANXC
Species	Human
Reactivity Notes	A protein-protein BLAST analysis was used to suggest cross reactivity with most SPANXC proteins from human, gorilla and chimpanzee. Reactivity against homologues from is not known.
Immunogen	This Protein A purified SPANXC Antibody was prepared from whole rabbit serum produced by repeated immunizations with full-length recombinant human SPANXC protein. (Uniprot: Q9NY87)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:5000-1:20000, Immunohistochemistry 1.25-2.5 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This protein A purified antibody has been tested for use in ELISA, immunohistochemistry, and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 15-20 kDa in size corresponding to SPANX family members by western blotting in the appropriate human tissue. Most human cell lines are SPANX negative.

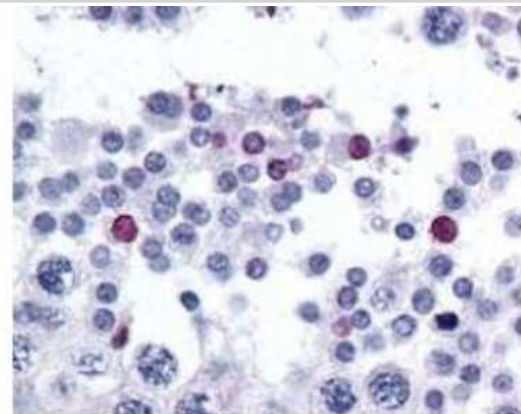


Images

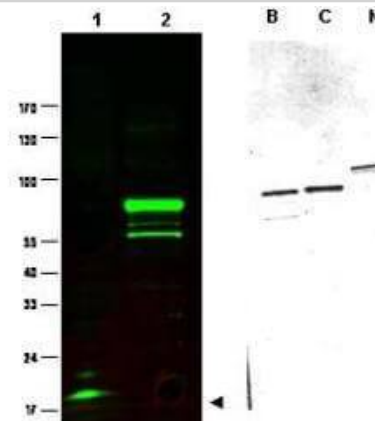
Western Blot: SPANXC Antibody [NBP1-77925] - Shows detection of a band at ~17 kDa corresponding to SPANX-C present in a nuclear extract from VWM105 cells (left panel, arrowhead). VWM105 cells are derived from a human melanoma and are positive for SPANX proteins. Lane 2 shows reactivity with a purified 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. IRDye (TM) 800 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.



Immunohistochemistry: SPANXC Antibody [NBP1-77925] - Used at 2.5 ug/ml to detect signal in a variety of tissues including multi-human, multi-brain and multi-cancer slides. This image shows moderate positive staining of human sperm and spermatids at 60X. Tissue was formalin-fixed and paraffin embedded. The image shows localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain.



Western blot using Protein A purified anti-SPANX-C 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. IRDye(TM)800 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.



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Products Related to NBP1-77925-0.1mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00030014-P01-10ug	Recombinant Human SPANXA1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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