

Anti-SPANX-C (RABBIT) Antibody

SPANX-C Antibody Catalog # ASR4410

Specification

Anti-SPANX-C (RABBIT) Antibody - Product Information

Host Conjugate Target Species Reactivity Clonality Application Application Note	Rabbit Unconjugated Human Human Polyclonal WB, IHC, E, I, LCI 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.
Physical State Buffer	Lyophilized 0.02 M Potassium Phosphate, 0.15 M
bunch	Sodium Chloride, pH 7.2
Immunogen	This Protein A purified antibody was prepared from whole rabbit serum produced by repeated immunizations with full-length recombinant human SPANX-C protein.
Reconstitution Volume Reconstitution Buffer	100 μL Restore with deionized water (or
Preservative	equivalent) 0.01% (w/v) Sodium Azide

Anti-SPANX-C (RABBIT) Antibody - Additional Information

Gene ID 64663

Other Names 64663

Purity

This Protein A purified antibody is directed against human SPANX-C protein. The product was purified from monospecific antiserum by protein A chromatography followed by exhaustive dialysis against the buffer stated above. A protein-protein BLAST analysis was used to suggest cross reactivity with most SPANX proteins from human, gorilla and chimpanzee. Reactivity against homologues from is not known.

Storage Condition



Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note

This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-SPANX-C (RABBIT) Antibody - Protein Information

Name SPANXC

Cellular Location Cytoplasm. Nucleus. Note=Associated with nuclear craters

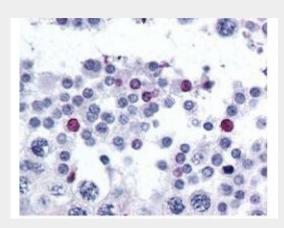
Tissue Location Detected in testis, melanoma and bladder carcinoma.

Anti-SPANX-C (RABBIT) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- **Blocking Peptides**
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

Anti-SPANX-C (RABBIT) Antibody - Images



Rockland's affinity purified anti-SPANX-C antibody was used at 2.5 μ g/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. Personal Communication, Tina Roush, LifeSpanBiosciences, Seattle, WA.



Anti-SPANX-C (RABBIT) Antibody - Background

This antibody is designed, produced, and validated as part of a collaboration between Rockland and the National Cancer Institute (NCI) and is suitable for Cancer, Immunology and Nuclear Signaling research. Human Sperm Proteins Associated with the Nucleus on X-chromosome (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.