## For Research Use Only

## SPANXA2/SPANXA1 Polyclonal antibody

Catalog Number: 19527-1-AP



**Basic Information** 

Catalog Number: GenBank Accession Number:

19527-1-AP NM\_145662 GeneID (NCBI): Size:

150ul, Concentration: 1400 ug/ml by 728712 Nanodrop and 600 ug/ml by Bradford UNIPROT ID: method using BSA as the standard; Q9NS26 Source: Full Name:

Rabbit SPANX family, member A2

Isotype: Calculated MW: 11 kDa

> Observed MW: 27 kDa

**Purification Method:** Antigen affinity purification Recommended Dilutions: WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

**Applications** 

**Tested Applications:** WB, IHC, IF/ICC, ELISA Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate

buffer pH 6.0

Positive Controls:

WB: DU 145 cells, HEK-293 cells, PC-3 cells

IHC: human skin cancer tissue, human testis tissue

IF/ICC: HEK-293 cells,

## **Background Information**

SPANXA1, also named as SPANXA and SPANXA2, is a member of the SPANX family of cancer/testis-associated genes. It encodes differentially expressed testis-specific proteins that localize to various subcellular compartments. On Western blots of human testis proteins, SPANX antibodies reacts with the bands migrating between 15-30 kDa. The SPANX protein may be a useful target in cancer immunotherapy.

Storage

Store at -20°C. Stable for one year after shipment.

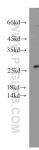
Storage Buffer

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

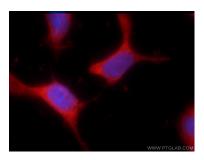
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

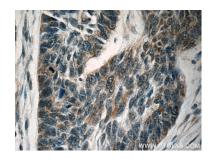
## **Selected Validation Data**



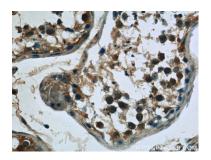
DU 145 cells were subjected to SDS PAGE followed by western blot with 19527-1-AP (SPANXA2/SPANXA1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HEK-293 cells using 19527-1-AP (SPANXA2/SPANXA1 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.



Immunohistochemical analysis of paraffinembedded human skin cancer tissue slide using 19527-1-AP (SPANXA2/SPANXA1 antibody at dilution of 1:50.



Immunohistochemical analysis of paraffinembedded human testis tissue slide using 19527-1-AP (SPANXA2/SPANXA1 antibody at dilution of 1:50.