

# SPANXE Polyclonal antibody

Catalog Number: 15870-1-AP

## Basic Information

**Catalog Number:**

15870-1-AP

**Size:**

150 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG8572

**GenBank Accession Number:**

BC005382

**GeneID (NCBI):**

171489

**UNIPROT ID:**

Q8TAD1

**Full Name:**

SPANX family, member E

**Calculated MW:**

97 aa, 11 kDa

**Observed MW:**

15-20 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IF/ICC 1:20-1:200

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : A375 cells, mouse skin tissue

IF/ICC : A375 cells,

## Background Information

SPANXE (Sperm protein associated with the nucleus on the X chromosome E), also known as SPANX A2 or SPANX C, is a member of the SPANX family. The SPANX genes encode differentially expressed testis-specific proteins that localize to various subcellular compartments. This particular gene encodes a sperm protein that contains a consensus nuclear localization signal but, although a role in spermatogenesis is suggested, the specific function of this family member has not yet been determined.

## Storage

**Storage:**

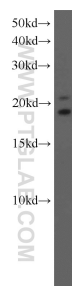
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

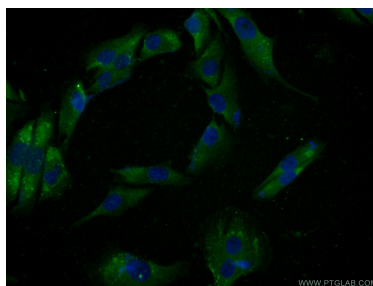
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 15870-1-AP (SPANXE antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of A375 cells using 15870-1-AP (SPANXE antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).