

# SPNXA Rabbit Polyclonal Antibody

## Description

Product type Primary Antibody

Code BT-AP04854

Host Rabbit

Isotype IgG

**Size** 100ul, 50ul, 20ul

Immunogen Synthesized peptide derived from human SPNXA

Mol wt 10670

Species reactivity Human, Rat, Mouse

**Clonality** Polyclonal

Recommended application IHC-p, IF

Concentration 1 mg/ml

Full name SPNXA

Synonyms SPNXA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## Background

Temporally regulated transcription and translation of several testis-specific genes is required to initiate the series of molecular and morphological changes in the male germ cell lineage necessary for the formation of mature spermatozoa. This gene is a member of the SPANX family of cancer/testis-associated genes| which are located in a cluster on chromosome X. The SPANX genes encode differentially expressed testis-specific proteins that localize to various subcellular compartments. This particular gene maps to chromosome X in a head-to-head orientation with SPANX family member A2| which appears to be a duplication of the A1 locus. The protein encoded by this gene targets to the nucleus where it associates with nuclear vacuoles and the redundant nuclear envelope. Based on its association with these poorly characterized regions of the sperm nucleus| this protein provides a biochemical marker to study unique structures in spermatazoa while attempting to further define its role in spermatogenesis.

### **Recommended Dilution**

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

### **Images**

No images.

#### Storage

-20°C for 1 year