



## Rabbit Anti-SPANXD/CT11.4 antibody

SL17621R

<b>Product Name:</b>	SPANXD/CT11.4
<b>Chinese Name:</b>	癌/睾丸抗原11.4抗体
<b>Alias:</b>	Cancer/testis antigen 11.4; Cancer/testis antigen family 11 member 4; CT11.4; dJ171K16.1; Nuclear associated protein SPAN Xd; Nuclear-associated protein SPAN-Xd; SPAN Xd protein; SPANX C; SPANX D; SPANX family member D; SPANX-D; SPANXD; Sperm protein associated with the nucleus on the X chromosome D; Sperm protein associated with the nucleus X chromosome family member D; SPN XD HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	11kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SPANXD/CT11.4:21-80/97
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 encodes a sperm protein that is associated with the nucleus but, although a role in spermatogenesis is suggested, the specific function of this family member has not yet been determined. Polymorphisms in this gene may be associated with prostate cancer susceptibility. [provided by RefSeq, Apr 2014]

**Subcellular Location:**

Cytoplasm. Nucleus. Associated with nuclear craters.

**Tissue Specificity:**

Detected in testis, sperm and a melanoma cell line.

**Similarity:**

Belongs to the SPAN-X family.

**SWISS:**

Q9BXN6

**Gene ID:**

64648

**Database links:**

[Entrez Gene: 64648](#) Human

[Omim: 300670](#) Human

[SwissProt: Q9BXN6](#) Human

[Unigene: 375036](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.