

## Rabbit Anti-SPATA3 antibody

SL0493R

<b>Product Name</b>	SPATA3
<b>Chinese Name</b>	精子生成相关蛋白 3 抗体
<b>Alias</b>	1700011N12Rik; 1700029H01Rik; 4930424D10Rik; Mtsarg1; SPATA3; Spermatogenesis-associated protein 3; SPTA3_HUMAN; Testis and spermatogenesis cell-related protein 1; Testis spermatocyte apoptosis-related protein 1; Tsarg1.
<b>Research Area</b>	Cell biology Developmental biology Stem cells
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted: Human, Mouse, Rat, Rabbit, ) WB=1:500-2000,ELISA=1:5000-10000
<b>Applications</b>	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Theoretical molecular weight</b>	20kDa
<b>Cellular localization</b>	The nucleus
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human SPATA3: 101-183/183
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Buffer Solution</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a>
<b>Product Detail</b>	TSARG1 is a 183 amino acid protein predominantly expressed in the testis.

TSARG1 was initially discovered due to its possible role in spermatogenesis or spermatogenesis cell apoptosis and it may be linked to cell cycle control. Apoptosis during spermatogenesis is a natural occurrence and typically effects 75-80% of the germ cells. This high rate of apoptosis is required for normal mature spermatogenesis. It may be a consequence of mutated DNA but it is also believed to ensure a proper ratio between Sertoli cells and germ cells.

**Tissue Specificity:**

Brain.

**SWISS:**

Q8NHX4

**Gene ID:**

130560

**Database links:**

[Entrez Gene: 130560](#) Human

[SwissProt: Q8NHX4](#) Human

[Unigene: 121021](#) Human