



Rabbit Anti-SPATA3 antibody

SL0493R

Product Name:	SPATA3
Chinese Name:	精子生成相关蛋白3抗体
Alias:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=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.
Molecular weight:	20kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SPATA3:101-183/183
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	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

Important Note:

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

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