



## Rabbit Anti-SPATA6 antibody

SL17633R

<b>Product Name:</b>	SPATA6
<b>Chinese Name:</b>	精子发生相关蛋白6抗体
<b>Alias:</b>	1700062C23Rik; AI790763; FLJ10007; Hash; KRP; Mash; RP23 402I22.1; spermatogenesis associated 6; SRF 1; SRF1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,Guinea Pig,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=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>	54kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human SPATA6:151-250/488
<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>	SPATA6 is a 488 amino acid secreted protein that may be involved in spermatid maturation or sperm function. SPATA6 is expressed during embryonic development and is localized in neural tube, somites and limb buds of mouse embryo. Existing as two isoforms produced by alternative splicing events, the gene encoding SPATA6 maps to mouse chromosome 4 and human chromosome 1. Human chromosome 1 spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human

genome. Chromosome 1 houses a large number of disease-associated genes, including those that are involved in familial adenomatous polyposis, Stickler syndrome, Parkinson's disease, Gaucher disease, schizophrenia and Usher syndrome. Aberrations in chromosome 1 are found in a variety of cancers, including head and neck cancer, malignant melanoma and multiple myeloma.

**Function:**

SPATA6 belongs to the SPATA6 family. SPATA6 may play a role in spermatid maturation or sperm function.

**Subcellular Location:**

Secreted

**Similarity:**

Belongs to the SPATA6 family.

**SWISS:**

Q9NWH7

**Gene ID:**

54558

**Database links:**

[Entrez Gene: 54558](#) Human

[Entrez Gene: 67946](#) Mouse

[Entrez Gene: 171413](#) Rat

[Omim: 613947](#) Human

[SwissProt: Q9NWH7](#) Human

[SwissProt: Q3U6K5](#) Mouse

[SwissProt: Q99MU5](#) Rat

**Important Note:**

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