精子发生相关蛋白 2 抗体

产品货号： mlR17631

英文名称： SPATA5

中文名称： 精子发生相关蛋白 2 抗体

别　　名： AFG2; ATPase family gene 2 homolog; ATPase family protein 2 homolog; SPAF; Spermatogenesis associated 5; Spermatogenesis associated factor SPAF; Spermatogenesis-associated factor protein.

研究领域： 细胞生物　发育生物学　干细胞

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量： 98kDa

细胞定位： 细胞浆

性　　状： Lyophilized or Liquid

浓　　度： 1mg/ml

免 疫 原： KLH conjugated synthetic peptide derived from human SPATA5:801-893/893

亚　　型： IgG

纯化方法： affinity purified by Protein A

储 存 液： 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件： 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

产品介绍 **：** SPATA5 is an 893 amino acid protein that localizes to cytoplasm and mitochondrion, and may be involved in morphological and functional mitochondrial transformations during spermatogenesis. Existing as three alternatively spliced isoforms, SPATA5 belongs to the AAA ATPase family and the AFG2 subfamily. The gene that encodes SPATA5 consists of more than 396,000 bases and maps to human chromosome 4q28.1. Housing nearly 900 genes, chromosome 4 represents approximately 6% of the human genome and is associated with Huntington's disease, Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

Function:

May be involved in morphological and functional mitochondrial transformations during spermatogenesis.

Subcellular Location:

Cytoplasmic and Mitochondrial

Similarity:

Belongs to the AAA ATPase family. AFG2 subfamily.

SWISS:

Q8NB90

Gene ID:

166378

Important Note:

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