# 精子发生相关蛋白 18 抗体

**产品货号：** mlR17642

**英文名称：** SPATA18

**中文名称：** 精子发生相关蛋白 18 抗体

**别　　名：** 1700067I02Rik; FLJ32906; MGC93900; Mieap; mitochondria eating protein; SPATA18; Spermatogenesis associated 18; spermatogenesis associated 18 homolog (rat); Spermatogenesis associated protein 18; Spermatogenesis-associated protein 18; SPETEX1; SPT18_HUMAN.

**研究领域：** 细胞生物　发育生物学

**抗体来源：** Rabbit

**克隆类型：** Polyclonal

**交叉反应：** Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Chimpanzee, Macaque Monkey, Gorilla, Orangutan

**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 ：** 63kDa

**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 SPATA18:401-500/538

**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 :** SPATA18 is a 538 amino acid protein that is thought to play a role in cell differentiation during spermatogenesis, particularly during development from late elongate spematids to mature spermatozoa. Localizing to cytoplasm, SPATA18 is encoded by a gene that maps to human chromosome 4q12. Chromosome 4 represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is on chromosome 4. FGFR-3 is also encoded on chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

**Function:**

Potential role in spermatogenesis, especially in cell differentiation from late elongate spematids to mature spermatozoa.

**Subunit:**

Interacts (via coiled-coil domains) with BNIP3L (via BH3 domain). Interacts (via coiled-coil domains) with BNIP3 (via BH3 domain).

**Subcellular Location:**

Cytoplasm.

**Similarity:**

Belongs to the MIEAP family.

**SWISS:**

Q8TC71

**Gene ID:**

132671

**Important Note:**

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