精子相关抗原 17 抗体

产品货号： mlR9596

英文名称： SPAG17

中文名称： 精子相关抗原 17 抗体

别　　名： PF6; FLJ34497; Projection protein PF6 homolog; RP4 776P7.2; SPAG17; Sperm-associated antigen 17; SPG17_HUMAN.

研究领域： 细胞生物　发育生物学　细胞骨架　细胞外基质

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat,

产品应用　： WB=1:500-2000　ELISA=1:500-1000　IHC-P=1:400-800　IHC-F=1:400-800　Flow-Cyt=1ug/Test 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： 252kDa

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 SPAG17:741-840/2223

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 ： SPAG17 (sperm associated antigen 17), also known as PF6, is a 2,223 amino acid cytoplamic protein that colocalizes with SPAG6 to microtubles. Highly expressed in testis and in organs that contain cilia-bearing cells including brain, oviduct, lung, and uterus, SPAG17 may be important for the structural integrity of the central apparatus of the sperm axoneme. SPAG17 contains two LRR (leucine-rich) repeats and may also participate in flagellar motility and male fertility.

Function:

Seems to be important for the structural integrity of the central apparatus of the sperm axoneme.

Subunit:

Interacts (via the C-terminus) with SPAG6; the interaction probably occurs on polymerized microtubules (By similarity).

Subcellular Location:

Cytoplasm. Cytoplasm > cytoskeleton > flagellum axoneme. Detected in the cytoplasm of round spermatids and in condensing spermatids. Localized to the central pair of the sperm flagellar axoneme. Colocalizes with SPAG6 on microtubules.

Tissue Specificity:

Highly expressed in testis. Expressed in organs that contain cilia-bearing cells including brain, oviduct, lung, and uterus.

SWISS:

Q6Q759

Gene ID:

200162

Important Note:

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

产品图片