

精子相关抗原 11B 抗体

产品货号： mlR17618

英文名称： SPAG11B

中文名称： 精子相关抗原 11B 抗体

别名： EP2; EP2C; EP2D; Epididymal protein 2; HE2; HE2C; Protein EP2; SPAG11; Sperm antigen HE2; Sperm associated antigen 11; Sperm associated antigen 11B.

研究领域： 细胞生物 发育生物学 细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human,

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 : 9kDa

细胞定位 : 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human SPAG11B:41-103/103

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 : SPAG11B is a 103 amino acid precursor protein that exists as four alternatively spliced isoforms, designated EP2A, EP2B, EP2C and EP2D, all of which are androgen-dependent, epididymis-specific secretory proteins that may play a role in sperm maturation and overall function. The gene encoding the SPAG11B precursor maps to a region on chromosome 8 that is near the β -defensin gene cluster and it is suggested that SPAG11B may exhibit functional characteristics (such as antimicrobial activity) that are similar to β -defensins. Human chromosome 8, on which the SPAG11B gene is localized, consists of nearly 146 million base pairs and houses more than 800 genes, some of which are associated with a variety of diseases and malignancies.

Function:

SPAG11B belongs to the SPAG11 family. The specific function of SPAG11B has not been determined, but it is thought to be involved in sperm maturation. It is specifically expressed in caput and proximal corpus of epididymis and is present in the epididymal epithelium and on the sperm surface, with a subacrosomal equatorial distribution on the sperm head. There are two named isoforms.

Subcellular Location:

Secreted

Tissue Specificity:

Specifically expressed in caput and proximal corpus of epididymis. Present in the epididymal epithelium and on the sperm surface, with a subacrosomal equatorial distribution on the sperm head.

Similarity:

Belongs to the SPAG11 family.

SWISS:

Q08648

Gene ID:

10407

Important Note:

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