

SPAG8 Rabbit pAb

货号: **AYP15870**

产品信息

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| 反应 | Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IHC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 |
| 理论分子量 | 44kDa/51kDa/53kDa |
| 实测分子量 | 45kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse testis,Rat testis |
| 细胞定位 | Cytoplasmic vesicle,acrosome,secretory vesicle |
| 纯化 | Affinity purification |

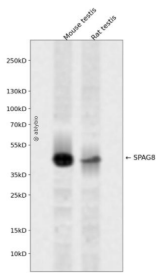
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 220-420 of human SPAG 8 (NP_758516.1). |
| 序列 | LVADRVPNYTSWSQHCPWEPQKQPWEFLQVLEPGARGLWKPPDIKGLMVCYETLPRGQCLLYNWEERATNHLDQV PSMQDGSESEFFRHGHRGLLTMQLKSPMPSSTTQKDSYQPPGNVYWPLRGKREAMLEMLLQHQCICKEVQAEQEPTRKL FEVESVTHHDYRMELAQAGTPAPT KPHDYRQEQPETFWIQRAPQL |

靶点信息

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| 研究背景 | The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved diagnosis and treatment of immunologic infertility, as well as identification of proteins for targeted contraception, are dependent on the identification and characterization of relevant sperm antigens. The protein encoded by this gene is recognized by sperm agglutinating antibodies from an infertile woman. This protein is localized in germ cells of the testis at all stages of spermatogenesis and is localized to the acrosomal region of mature spermatozoa. This protein interacts with ACT (activator of CREM in testis) and may play a role in CREM (cAMP response element modulator)-ACT-mediated gene transcription during spermatogenesis. This protein may also play a role in spermatogenesis by regulating microtubule formation and cell division. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined. |
| 基因ID | 26206 |
| 基因名 | SPAG8 |
| Swiss | Q99932 |
| 别名 | SPAG8;BS-84;CILD28;CT142;HSD-1;SMP1;SPAG3;hSMP-1 |

产品验证



Western blot analysis of SPAG8 expressed in Mouse testis, Rat testis using SPAG8 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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