

兔抗 SPAG1 多克隆抗体

中文名称：兔抗 SPAG1 多克隆抗体

英文名称： Anti-SPAG1 rabbit polyclonal antibody

别名： SP75, TPIS, HSD-3.8

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： SPAG1

反应种属： Human

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

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 expressed by this gene is recognized by anti-sperm agglutinating antibodies from an infertile woman. Furthermore, immunization of female rats with the recombinant human

	protein reduced fertility. This protein localizes to the plasma membrane of germ cells in the testis and to the post-acrosomal plasma membrane of mature spermatozoa. Recombinant polypeptide binds GTP and exhibits GTPase activity. Thus, this protein may regulate GTP signal transduction pathways involved in spermatogenesis and fertilization. Two transcript variants of this gene encode the same protein.
Applications:	ELISA, WB, IHC
Name of antibody:	SPAG1
Immunogen:	Synthetic peptide of human SPAG1
Full name:	Sperm associated antigen 1
Synonyms :	SP75, TPIS, HSD-3.8
SwissProt:	Q07617
ELISA Recommended dilution:	1000-5000
IHC positive control:	Human ovarian cancer and Human lung cancer
IHC Recommend dilution:	25-100
WB Predicted band size:	104 kDa
WB Positive control:	Human colon tissue
WB Recommended dilution:	500-2000

