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# SPAG6 Rabbit pAb

货号: **AYP17371**

## 产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:1000
理论分子量	30kDa/49kDa/52kDa/55kDa/63kDa
实测分子量	55kDa
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	Jurkat, PC-3
细胞定位	Cell projection, Cytoplasm, cilium, cytoskeleton, flagellum
纯化	Affinity purification

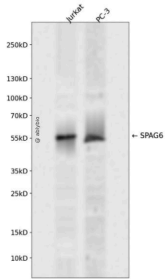
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 180-290 of human SPAG 6 (NP_758442.1).
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## 靶点信息

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 expressed by this gene is recognized by anti-sperm antibodies from an infertile man. This protein localizes to the tail of permeabilized human sperm and contains eight contiguous armadillo repeats, a motif known to mediate protein-protein interactions. Studies in mice suggest that this protein is involved in sperm flagellar motility and maintenance of the structural integrity of mature sperm. Several transcript variants encoding different isoforms have been found for this gene.
基因ID	9576
基因名	SPAG6
Swiss	O75602 ( <a href="https://www.uniprot.org/uniprotkb/O75602/entry">https://www.uniprot.org/uniprotkb/O75602/entry</a> )
别名	SPAG6,CT141,Repro-SA-1,pf16,SPAG6 Rabbit pAb,Protein PF16 homolog,Sperm flagellar protein

## 产品验证



Western blot analysis of SPAG6 expressed in Jurkat,PC-3 using SPAG6 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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