

## Product datasheet for **AP14021PU-N**

### JLP (SPAG9) (N-term) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/1,000. <b>Western blot:</b> 1/50-1/100. <b>Immunohistochemistry on Paraffin Sections:</b> 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 98~128 amino acids from the N-terminal region of Human SPAG9
Specificity:	This antibody detects Human SPAG9 at N-term. Other species not tested
Formulation:	PBS State: Purified State: Liquid purified Ig fraction Preservative: 0.09% (W/V) Sodium Azide
Concentration:	lot specific
Purification:	Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	sperm associated antigen 9
Database Link:	<a href="#">Entrez Gene 9043 Human O60271</a>
Background:	SPAG9, which is abundantly expressed in testicular haploid germ cells, is recognized by sperm-agglutinating antibodies and implicated in infertility.

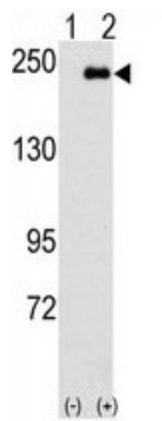


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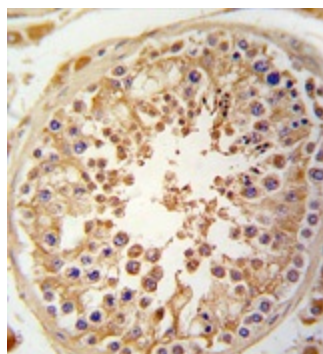
**Synonyms:** Sperm-associated antigen 9, Sperm-specific protein, Sperm surface protein, JNK-interacting protein 4, JIP-4, HSS, KIAA0516, MAPK8IP4, SYD1, HLC6, HLC-6, PHET, CT89, Sunday driver 1

**Note:** **Molecular weight:** 146205 Da

**Product images:**



Western blot analysis of SPAG9 (arrow) using rabbit polyclonal SPAG9 (N-term) Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the SPAG9 (N-term) gene (Lane 2) (Origene Technologies).



Formalin-fixed and paraffin-embedded human testis tissue reacted with SPAG9 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.