

SPATA9 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13116

Product Information

Application	WB
Primary Accession	Q9BWV2
Other Accession	NM_031952 , NP_114158
Reactivity	Human, Pig, Dog, Horse, Bovine
Predicted	Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	28740

Additional Information

Gene ID	83890
Alias Symbol	FLJ35906, NYD-SP16
Other Names	Spermatogenesis-associated protein 9, Testis development protein NYD-SP16, SPATA9
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SPATA9 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SPATA9 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

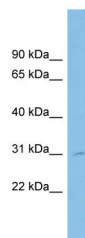
Name	SPATA9
Function	May play a role in testicular development/spermatogenesis and may be an important factor in male infertility.
Cellular Location	Membrane; Single-pass membrane protein
Tissue Location	Highly expressed in testes and pancreas. Low levels found in the heart, lungs, and brain. Very low expression detected in the placenta. No expression seen in skeletal muscle, liver, kidney, thymus, small intestine, colons, spleen, leukocytes, prostate gland, and ovary. In the adult testes, expression was about 6.44-fold higher than in the embryo testes. No expression in testes of

patients with Sertoli-cell-only syndrome. In patients with arrest at spermatogonium and primary spermatocyte stages, no expression was detected. In patients with arrest at the spermatid stage, expression level was weak or absent. Variable expression was seen in patients with spermatogenic arrest.

References

Cheng L.J.,et al.Biol. Reprod. 68:190-198(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images



WB Suggested Anti-SPATA9 Antibody Titration: 0.2-1
µg/ml
ELISA Titer: 1:12500
Positive Control: U937 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.