

SPATA12 Rabbit pAb

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Catalog # AP52286

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q7Z6I5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20418
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SPATA12
Epitope Specificity	1-100/190
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SPATA12, also known as SRG5 (Spermatogenesis-related protein 5), is a 190 amino acid protein that may be involved in the regulation of spermatogenesis. SPATA12 is expressed in normal adult testis, but is absent in fetal testis, implying that it may be involved in the development of testicular maturation. Specifically, SPATA12 is expressed in spermatocytes, spermatids and spermatozoa, with no expression in Leydig and Sertoli cells. Studies with HeLa and GC-1 germ cells indicate that expression of the SPATA12 gene may delay the progression of G1 to S in the cell cycle, therefore it is thought that SPATA12 maintains the cell in a differentiated state and suppresses cell proliferation.

Additional Information

Gene ID	353324
Other Names	Spermatogenesis-associated protein 12, Spermatogenesis-related protein 5, SPATA12, SRG5
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SPATA12
Synonyms	SRG5
Tissue Location	Expressed in testis.

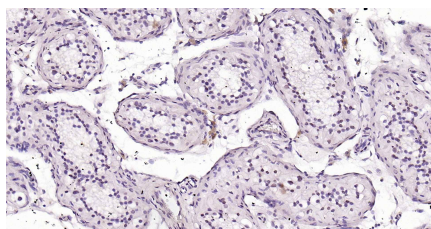
Background

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References

Li D.,et al.Chin. Med. J. 117:1791-1796(2004).
 Li D.,et al.Yi Chuan Xue Bao 31:545-551(2004).

Images



Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SPATA12 Polyclonal Antibody, Unconjugated (AP52286) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

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