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Rabbit Anti-SPATA16 antibody

SL17623R

Product Name:	SPATA16
Chinese Name:	睾丸发育蛋白SPATA16抗体
Alias:	NYD SP12; NYD-SP12; NYDSP12; Spermatogenesis associated 16; SPGF6; Testis development protein; Testis specific Golgi protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	65kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SPATA16:501-569/569
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	This gene encodes a testis-specific protein that belongs to the tetratricopeptide repeat-like superfamily. The encoded protein localizes to the Golgi apparatus and may play a role in spermatogenesis. [provided by RefSeq, May 2010] **Function:** SPATA16 is involved in the formation of sperm acrosome, which implicated its

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	potential role in spermatogenesis and sperm-egg fusion. Defects in SPATA16 are a cause of globozoospermia; also called Round-headed spermatozoa. **Subunit:** Involved in the formation of sperm acrosome, which implicated its potential role in spermatogenesis and sperm-egg fusion. **Subcellular Location:** Golgi apparatus **Tissue Specificity:** Expressed in testis. **Similarity:** Belongs to the SPATA16 family. **SWISS:** Q9BXB7 **Gene ID:** 83893 **Database links:** Entrez Gene: 83893 Human Omim: 609856 Human SwissProt: Q9BXB7 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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