SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-SPEM1/Biotin Conjugated antibody

Catalog Number: SL17652R-Bio

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-SPEM1/Biotin
Immunogen:	KLH conjugated synthetic peptide derived from human SPEM1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:50-200 IF=1:100-500 ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat)
Background:	background: SPEM1 is a 309 amino acid transmembrane and cytoplasmic protein that is required for proper cytoplasm removal during spermatogenesis. SPEM1 interacts with both Ran BP-17 and PLIC-1. Since PLIC-1 functions through binding and directing poly-ubiquitinated proteins to the proteasome for degradation, interactions between PLIC-1 and SPEM1 suggest a role in the regulation of protein ubiquitination during spermiogenesis. The SPEM1 gene maps to human chromosome 17p13.1. Comprising over 2.5% of the human genome, chromosome 17 consists of about 81 million bases, encodes over 1,200 genes and has the highest gene density in the genome. Chromosome 17 is also enriched in segmental duplications, ranking third in density among the autosomes.

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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	Function: Required for proper cytoplasm removal during spermatogenesis. **Subcellular Location:** Membrane. Cytoplasm. **Database links:** **Entrez Gene:** 374768 Human **SwissProt:** Q8N4L4 Human **Unigene:** 710599 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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