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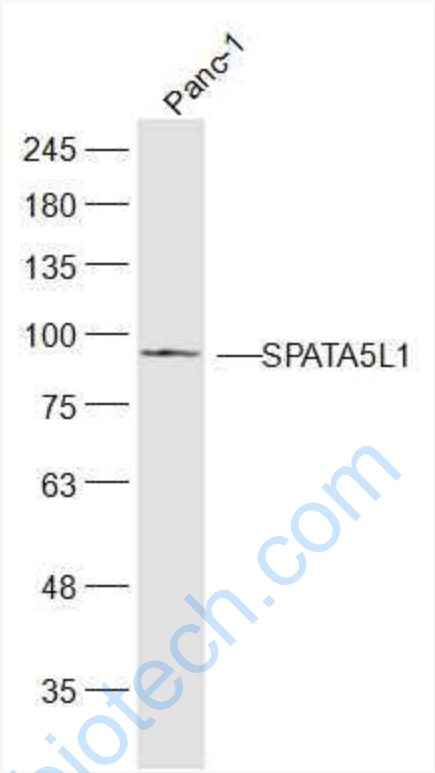
Rabbit Anti-SPATA5L1 antibody

SL17632R

Product Name:	SPATA5L1
Chinese Name:	精子发生相关蛋白5样蛋白1抗体
Alias:	FLJ12286; MGC5347; SPA5L_HUMAN; SPATA5L1; Spermatogenesis-associated protein 5-like protein 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Rabbit,
Applications:	WB=1:500-2000ELISA=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:	81kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SPATA5L1:221-320/753
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:	SPATA5L1 is a 753 amino acid protein belonging to the AAA ATPase family and AFG2 subfamily. Single nucleotide polymorphisms (SNPs) present in SPATA5L1 at the glycine amidinotransferase (GATM)-SPATA5L1 locus have been found to correlate with glomerular filtration rate (GFR), having significant implications for kidney disease research. SPATA5L1 localizes to cytoplasm and exists as three alternatively spliced isoforms. The gene encoding SPATA5L1 maps to human chromosome 15q21.1.

	Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and comprises about 3% of the human genome. Tay-Sachs disease is a lethal disorder associated with mutations of the HEXA gene, which is encoded by chromosome 15. Marfan syndrome is associated with chromosome 15 through the FBN1 gene. **Subcellular Location:** Cytoplasm. **Similarity:** Belongs to the AAA ATPase family. AFG2 subfamily. **SWISS:** Q9BVQ7 **Gene ID:** 79029 **Database links:** Entrez Gene: 533070 Cow Entrez Gene: 79029 Human SwissProt: A7YSY2 Cow SwissProt: Q9BVQ7 Human Unigene: 21280 Cow Unigene: 369657 Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: Panc-1(Human) Cell Lysate at 30 ug Primary: Anti-SPATA5L1 (SL17632R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 81 kD Observed band size: 81 kD