



Rabbit Anti-Protamine 2 antibody

SL6371R

Product Name:	Protamine 2
Chinese Name:	鱼精蛋白2抗体
Alias:	Protamine P2; HSP2; Cysteine-rich protamine; PRM2; Sperm protamine P2; PRM2_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Rat,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=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:	7kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Protamine 2:51-102/102
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:	Protamines are the major DNA-binding proteins in the nucleus of sperm, and package the DNA in a volume less than 5% of a somatic cell nucleus Function: Protamines substitute for histones in the chromatin of sperm during the haploid phase of spermatogenesis. They compact sperm DNA into a highly condensed, stable and

inactive complex.

Subcellular Location:
Nucleus. Chromosome.

Tissue Specificity:
Testis.

Similarity:
Belongs to the protamine P2 family.

SWISS:
P04554

Gene ID:
5620

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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