

PRM3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5067b

Specification

PRM3 Antibody (C-term) - Product Information

Application	WB, IHC-P, FC,E
Primary Accession	O9NNZ6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	62-91

PRM3 Antibody (C-term) - Additional Information

Gene ID 58531

Other Names

Protamine-3, Sperm protamine P3, PRM3

Target/Specificity

This PRM3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 62-91 amino acids from the C-terminal region of human PRM3.

Dilution

WB~~1:1000
IHC-P~~1:50~100
FC~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PRM3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PRM3 Antibody (C-term) - Protein Information

Name PRM3

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 (By similarity).

Cellular Location

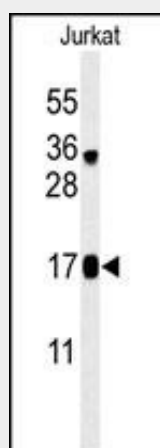
Nucleus. Chromosome.

PRM3 Antibody (C-term) - Protocols

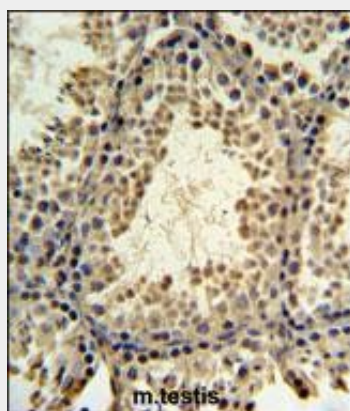
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PRM3 Antibody (C-term) - Images

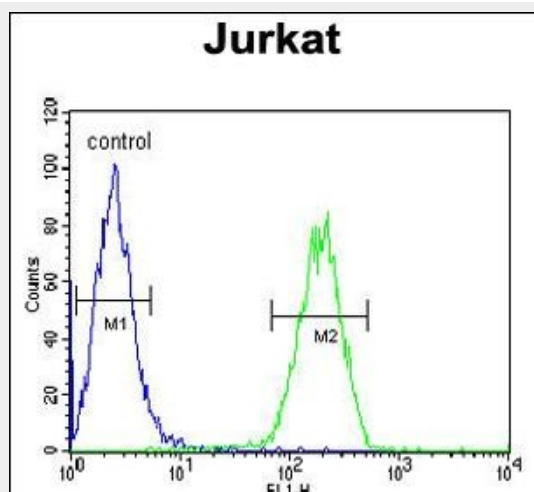


Western blot analysis of PRM3 Antibody (C-term) (Cat. #AP5067b) in Jurkat cell line lysates (35ug/lane).PRM3 (arrow) was detected using the purified Pab.



PRM3 Antibody (C-term) (Cat. #AP5067b) IHC analysis in formalin fixed and paraffin embedded mouse testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PRM3 Antibody (C-term) for

immunohistochemistry. Clinical relevance has not been evaluated.



PRM3 Antibody (C-term) (Cat. #AP5067b) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

PRM3 Antibody (C-term) - Background

PRM3 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

PRM3 Antibody (C-term) - References

Imken, L., et al. Mol. Hum. Reprod. 15(11):733-738(2009) Oliva, R. Hum. Reprod. Update 12(4):417-435(2006) Kramer, J.A., et al. Comp. Biochem. Physiol. C, Pharmacol. Toxicol. Endocrinol. 120(3):467-473(1998)