

For Research Use Only

PRM1 Polyclonal antibody

Catalog Number: 15697-1-AP

6 Publications



Basic Information

Catalog Number:

15697-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 553 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8323

GenBank Accession Number:

BC003673

GeneID (NCBI):

5619

UNIPROT ID:

P04553

Full Name:

PRM1

Calculated MW:

51 aa, 6 kDa

Observed MW:

13-20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : human testis tissue, mouse testis tissue, rat testis tissue

Background Information

PRM1 is a 51 amino acid protein. PRM1 substitutes 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. PRM1 is expressed in testis. The calculated molecular weight of PRM1 is 9 kDa, but Phosphorylated protein is about 20 kDa. (PMID: 24818823)

Notable Publications

Author	Pubmed ID	Journal	Application
Jianhui Liu	34058501	Environ Pollut	WB
Chao Huang	35216101	Int J Mol Sci	WB
Xiaoyan Wang	39226895	Cell Rep Med	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

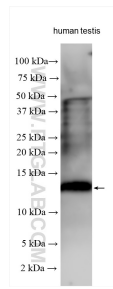
For technical support and original validation data for this product please contact:

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Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 15697-1-AP (PRM1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.