

For Research Use Only

PRM1 Polyclonal antibody

Catalog Number: 15697-1-AP

6 Publications



Basic Information

Catalog Number:

15697-1-AP

Size:

1000 ug/ml

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

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

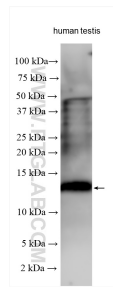
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.