

For Research Use Only

# PRM2 Recombinant antibody

Catalog Number: 83814-1-RR



## Basic Information

<b>Catalog Number:</b> 83814-1-RR	<b>GenBank Accession Number:</b> BC066338	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 5620	<b>CloneNo.:</b> 240576B4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P04554	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> protamine 2	
<b>Immunogen Catalog Number:</b> AG5952	<b>Calculated MW:</b> 13 kDa	
	<b>Observed MW:</b> 10-20 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human testis tissue,
<b>Species Specificity:</b> Human	

## Background Information

PRM2 (Protamine-2) is the main DNA-binding protein in the sperm nucleus, consisting of a C-terminal mature PRM2 (mPRM2) domain and an N-terminal Lytic PRM2 (cPRM2) domain, which is lyzed sequentially after binding to DNA. PRM2 plays an important role in spermatogenesis and development. PRM2 is specifically expressed in sperm and localized in the sperm nucleus.

## 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:

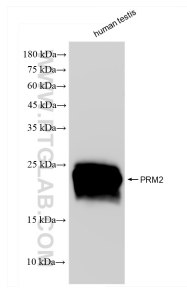
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://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 83814-1-RR (PRM2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.