

For Research Use Only

# RBPMS Polyclonal antibody

Catalog Number: 15187-1-AP

Featured Product

33 Publications



## Basic Information

### Catalog Number:

15187-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG7256

### GenBank Accession Number:

BC003608

### GeneID (NCBI):

11030

### UNIPROT ID:

Q93062

### Full Name:

RNA binding protein with multiple splicing

### Calculated MW:

22 kDa

### Observed MW:

28-30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF-P 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IF-P, FC (Intra), IP, ELISA

### Cited Applications:

WB, IHC, IF, IP, CoIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB:** HepG2 cells, mouse kidney tissue, mouse liver tissue, mouse colon tissue, mouse heart tissue

**IP:** mouse heart tissue,

**IHC:** human ovary tumor tissue,

**IF-P:** rat eye tissue,

**IF/ICC:** HepG2 cells,

## Background Information

RBPMS is a member of the RNA recognition motif family of RNA-binding proteins. It has a single, putative RNA recognition motif in its N-terminus.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zong-Yi Zhan	36204863	Neural Regen Res	IHC
Pin Lyu	34788628	Cell Rep	IF
Minzhen Li	36423381	Biochem Biophys Res Commun	WB

## Storage

### Storage:

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

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

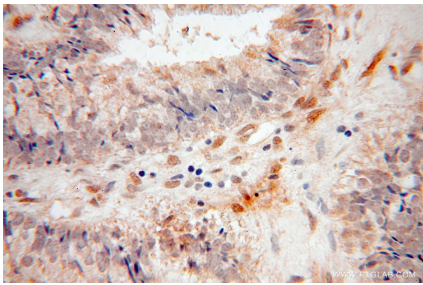
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

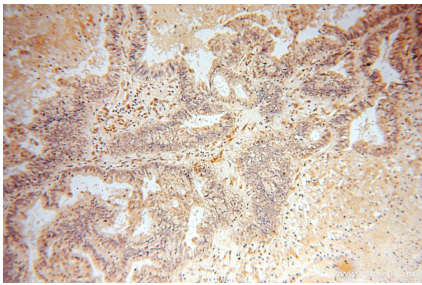
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

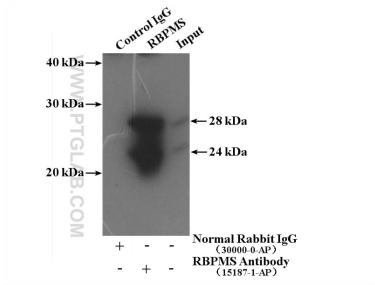
Selected Validation Data



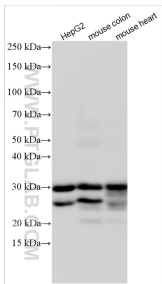
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15187-1-AP (RBPMS antibody) at dilution of 1:50 (under 40x lens).



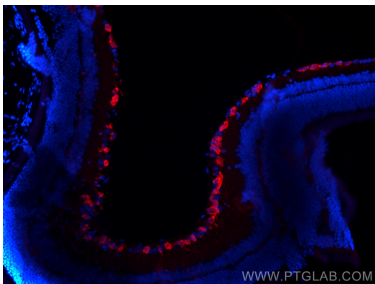
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 15187-1-AP (RBPMS antibody) at dilution of 1:50 (under 10x lens).



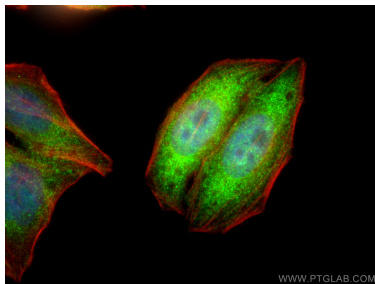
IP result of anti-RBPMS (IP:15187-1-AP, 4ug; Detection:15187-1-AP 1:400) with mouse heart tissue lysate 4000ug.



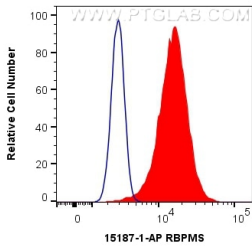
Various lysates were subjected to SDS PAGE followed by western blot with 15187-1-AP (RBPMS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat eye tissue using RBPMS antibody (15187-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using RBPMS antibody (15187-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Anti-Human RBPMS (15187-1-AP) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).