

For Research Use Only

# RBM17 Polyclonal antibody

Catalog Number: 15374-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

15374-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0985

### GenBank Accession Number:

BC007871

### GeneID (NCBI):

84991

### UNIPROT ID:

Q96I25

### Full Name:

RNA binding motif protein 17

### Calculated MW:

45 kDa

### Observed MW:

45 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:8000

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

IHC 1:1000-1:4000

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

**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** : HeLa cells, MCF-7 cells, mouse thymus tissue, rat thymus tissue

**IP** : MCF-7 cells,

**IHC** : human ovary cancer tissue, human stomach tissue

## Background Information

RNA-binding motif protein 17 (RBM17), also named splicing factor 45, was first identified as a member of the spliceosome. RBM17 expression is low in normal tissues but is overexpressed in several forms of cancer, including breast, ovarian and prostate.

## Notable Publications

Author	Pubmed ID	Journal	Application
Sean-Patrick Riechers	26908611	Hum Mol Genet	WB

## 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

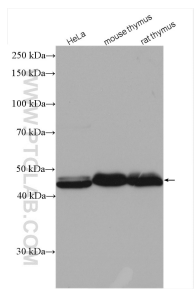
For technical support and original validation data for this product please contact:

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

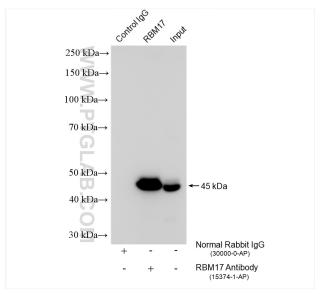
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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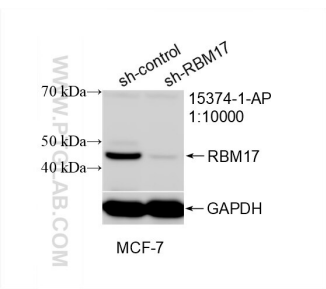
Selected Validation Data



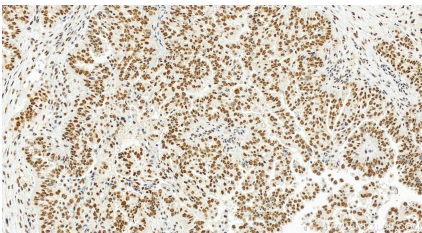
Various lysates were subjected to SDS PAGE followed by western blot with 15374-1-AP (RBM17 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



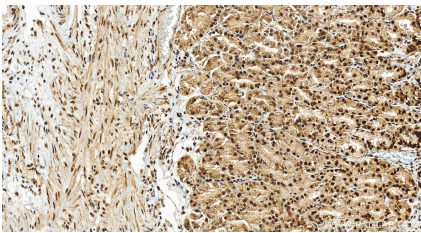
IP result of anti-RBM17 (IP:15374-1-AP, 4ug; Detection:15374-1-AP 1:10000) with MCF-7 cells lysate 1000 ug.



WB result of RBM17 antibody (15374-1-AP; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RBM17 transfected MCF-7 cells.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 15374-1-AP (RBM17 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 15374-1-AP (RBM17 antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).