

For Research Use Only

# RBM25 Polyclonal antibody

Catalog Number: 25297-1-AP

7 Publications



## Basic Information

Catalog Number:

25297-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18244

GenBank Accession Number:

BC113389

GeneID (NCBI):

58517

UNIPROT ID:

P49756

Full Name:

RNA binding motif protein 25

Calculated MW:

843 aa, 100 kDa

Observed MW:

110-120 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:1000-1:4000

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

IHC: 1:150-1:600

IF/ICC: 1:200-1:800

## Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IP, RIP

Species Specificity:

human, mouse

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: HEK-293 cells, HeLa cells, Jurkat cells, mouse brain tissue

IP: HEK-293 cells,

IHC: human colon cancer tissue,

IF/ICC: HeLa cells,

## Background Information

RNA-binding protein 25 (RBM25), also named as Protein S164 or RNPC7, is a 843 amino acid protein, which contains one RRM domain and one PWI domain. RBM25 localizes in the nucleus and cytoplasm. RBM25 acts as a regulator of alternative pre-mRNA splicing and is involved in apoptotic cell death through the regulation of the apoptotic factor BCL2L1 isoform expression.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kai Xu	40186887	Pathol Res Pract	WB
Weifen Li	40122260	J Affect Disord	
Wenji Lin	39284557	Gene	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

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

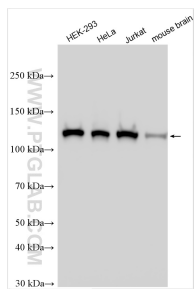
T: 4006900926

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

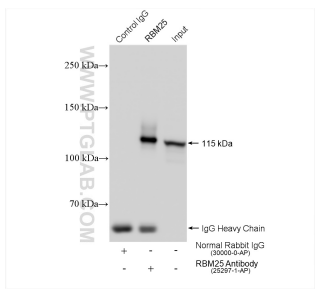
W: [ptgcn.com](http://ptgcn.com)

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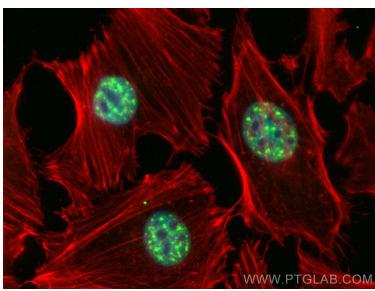
Selected Validation Data



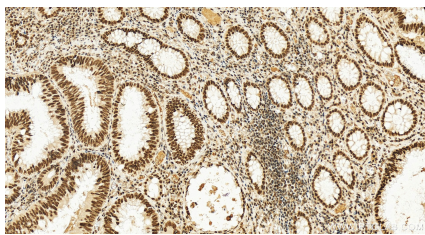
Various lysates were subjected to SDS PAGE followed by western blot with 25297-1-AP (RBM25 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-RBM25 (IP:25297-1-AP, 4ug; Detection:25297-1-AP 1:1000) with HEK-293 cells lysate 1400 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using RBM25 antibody (25297-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 25297-1-AP (RBM25 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).