

For Research Use Only

RBM16 Polyclonal antibody

Catalog Number: 18893-1-AP



Basic Information

| | | |
|---|---|--|
| Catalog Number: 18893-1-AP | GenBank Accession Number: BC070071 | Purification Method: Antigen affinity purification |
| Size: 500 µg/ml | GeneID (NCBI): 22828 | Recommended Dilutions: WB 1:2000-1:10000 |
| Source: Rabbit | UNIPROT ID: Q9UPN6 | IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate |
| Isotype: IgG | Full Name: RNA binding motif protein 16 | IHC 1:50-1:500 |
| Immunogen Catalog Number: AG13499 | Calculated MW: 1271 aa, 141 kDa | IF 1:10-1:100 |
| | Observed MW: 170 kDa | |

Applications

Tested Applications:
IF/ICC, IHC, IP, WB, ELISA

Species Specificity:
human, 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: A549 cells, HeLa cells, NIH/3T3 cells, L02 cells, HT-1080 cells, THP-1 cells

IP: HeLa cells,

IHC: human testis tissue, human cervical cancer tissue

IF: HeLa cells, HepG2 cells

Background Information

RBM16, also named as SCAF8, CCAP7, KIAA1116, is a 1271 amino acid protein, which interacts with POLR2A. RBM16 may play a role in mRNA processing. Immunoblot analysis of the total rat liver nuclear and nuclear matrix protein fractions revealed a single band with an apparent molecular mass of 170 kDa. While the apparent molecular mass is slightly larger than the 140 kDa predicted from the cDNA sequence, we note that the protein is rich in proline residues (10%) and therefore may display aberrant mobility in SDS gel electrophoresis. (PMID: 9528809)

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:

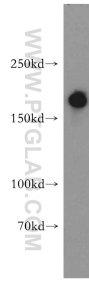
T: 4006900926

E: Proteintech-CN@ptglab.com

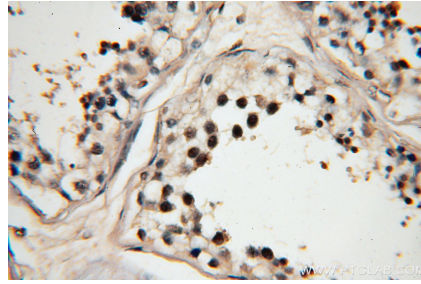
W: ptgcn.com

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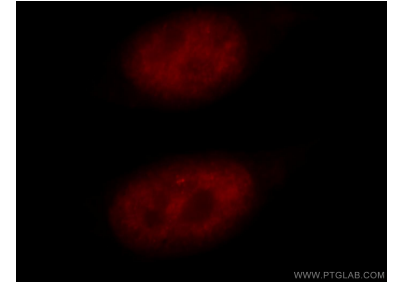
Selected Validation Data



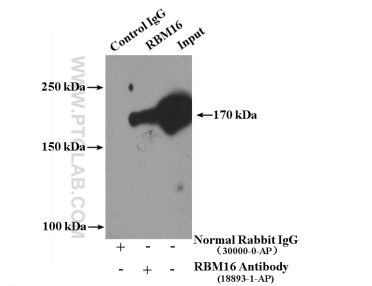
HT-1080 cells were subjected to SDS PAGE followed by western blot with 18893-1-AP (RBM16 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



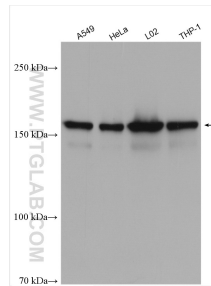
Immunohistochemical analysis of paraffin-embedded human testis using 18893-1-AP (RBM16 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using RBM16 antibody 18893-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-RBM16 (IP:18893-1-AP, 4ug; Detection:18893-1-AP 1:800) with HeLa cells lysate 3600ug.



Various lysates were subjected to SDS PAGE followed by western blot with 18893-1-AP (RBM16 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.