

Rbm7 Rabbit mAb

Catalog NO.: A27655 **KO** **Validated** **Recombinant**

Basic Information

Observed MW

30-35kDa

Calculated MW

30kDa

Category

Monoclonal Antibodies

Applications

WB, IP, IF-P, IHC-P, ELISA

Cross-Reactivity

Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC73985

Background

Predicted to enable 14-3-3 protein binding activity and RNA binding activity. Predicted to be involved in regulation of alternative mRNA splicing, via spliceosome and snRNA catabolic process. Located in nucleus. Orthologous to human RBM7 (RNA binding motif protein 7).

Recommended Dilutions

WB 1:2500 - 1:10000

IP

0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

IF-P 1:200 - 1:1000

IHC-P 1:2000 - 1:8000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Contact

Immunogen Information

Gene ID

67010

Swiss Prot

Q9CQT2

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

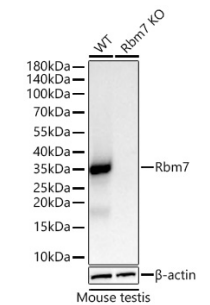
1200007M24Rik; 1500011D06Rik

Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.		

Validation Data



Western blot analysis of lysates from wild type (WT) and Rbm7 knockout (KO) mouse testis using [KO Validated] Rbm7 Rabbit mAb (A27655) at 1:5000 dilution incubated at room temperature for 1.5 hours.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

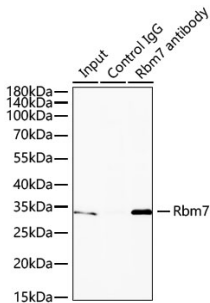
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

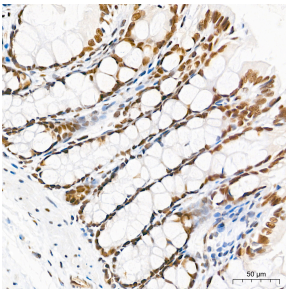
Exposure time: 60s.

WB samples for antibody validation are kindly provided by Dr. Shaorong Gao.

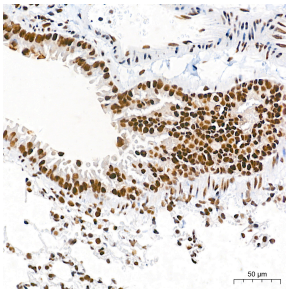


Immunoprecipitation of Rbm7 from 300 µg extracts of Mouse testis tissue was performed using 0.5 µg of [KO Validated] Rbm7 Rabbit mAb (A27655). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input.

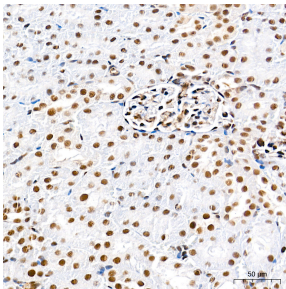
Western blot analysis of immunoprecipitates was conducted using [KO Validated] Rbm7 Rabbit mAb (A27655) at a dilution of 1:4000.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using [KO Validated] Rbm7 Rabbit mAb (A27655) at a dilution of 1:5000



Immunohistochemistry analysis of paraffin-embedded Mouse lung tissue using [KO Validated] Rbm7 Rabbit mAb (A27655) at a dilution of 1:5000



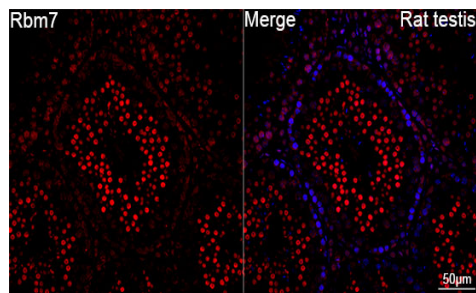
Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using [KO Validated] Rbm7 Rabbit mAb (A27655) at a dilution of 1:5000

(40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

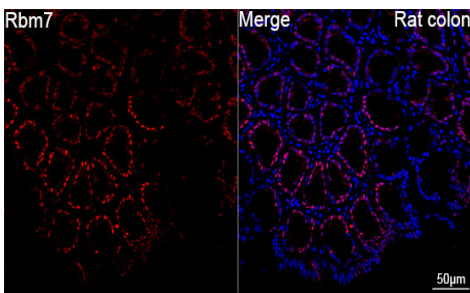
(40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

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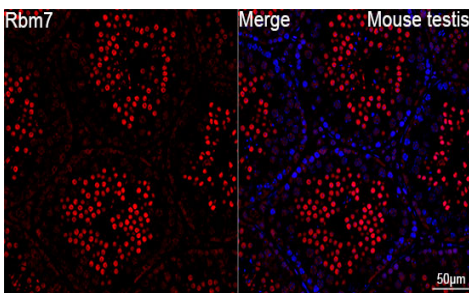
Validation Data



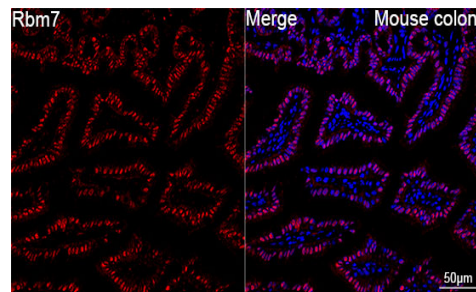
Confocal imaging of paraffin-embedded Rat testis tissue using [KO Validated] Rbm7 Rabbit mAb (A27655, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Rat colon tissue using [KO Validated] Rbm7 Rabbit mAb (A27655, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Mouse testis tissue using [KO Validated] Rbm7 Rabbit mAb (A27655, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Mouse colon tissue using [KO Validated] Rbm7 Rabbit mAb (A27655, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

