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RBPMS Rabbit mAb

Catalog No.: A28914 **Recombinant**

Basic Information

Observed MW
25-30 kDa

Calculated MW
16 kDa/17 kDa/22 kDa/24 kDa

Category
Primary antibody

Applications
WB,IP,IF/ICC,IF-F,IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC83096

Background

This gene encodes a member of the RNA recognition motif family of RNA-binding proteins. The RNA recognition motif is between 80-100 amino acids in length and family members contain one to four copies of the motif. The RNA recognition motif consists of two short stretches of conserved sequence, as well as a few highly conserved hydrophobic residues. The encoded protein has a single, putative RNA recognition motif in its N-terminus. Alternative splicing results in multiple transcript variants encoding different isoforms.

Recommended Dilutions

WB	1:3000 - 1:20000
IP	0.5 µg - 4 µg antibody for 200 µg - 400 µg extracts of whole cells
IF/ICC	1:100 - 1:200
IF-F	1:100 - 1:200
IHC-P	1:4000 - 1:16000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000)a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID
11030

Swiss Prot
Q93062

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
HERMES

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Contact

400-999-6126

cn.market@abclonal.com.cn

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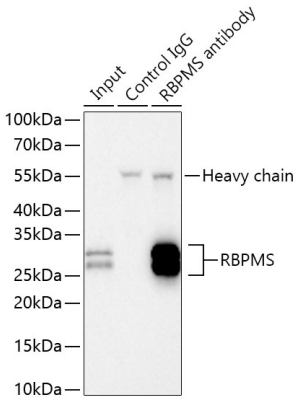
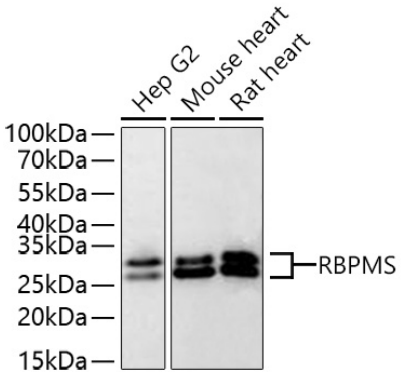
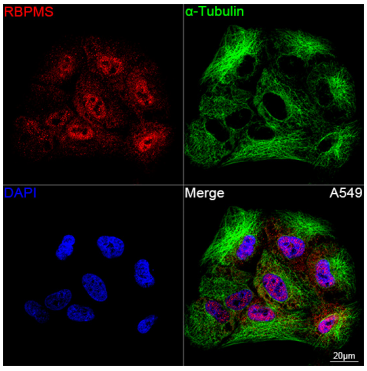
Validation Data



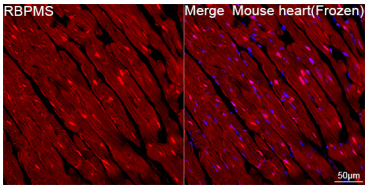
Immunoprecipitation of RBPMS from 300 µg extracts of Hep G2 cells was performed using 2 µg of RBPMS Rabbit mAb (A28914). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using RBPMS Rabbit mAb (A28914) at a dilution of 1:10000.



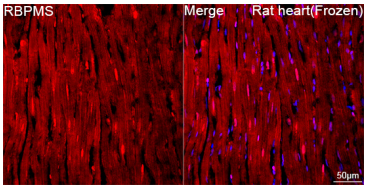
Western blot analysis of various lysates using RBPMS Rabbit mAb (A28914) at 1:5000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10 s.



Confocal imaging of A549 cells using RBPMS Rabbit mAb (A28914, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.

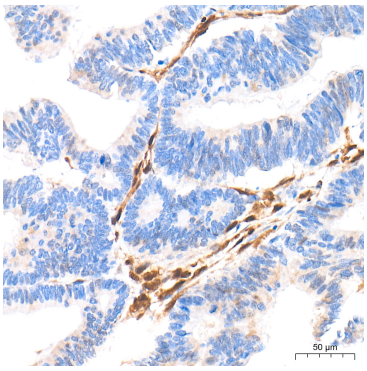


Confocal imaging of frozen sections of Mouse heart tissue using RBPMS Rabbit mAb (A28914, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

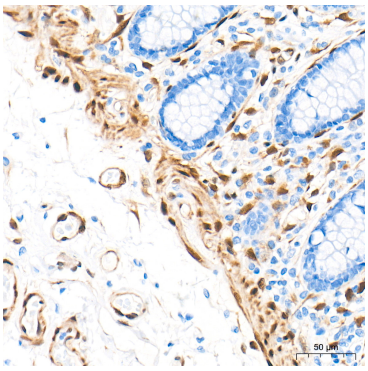


Confocal imaging of frozen sections of Rat heart tissue using RBPMS Rabbit mAb (A28914, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

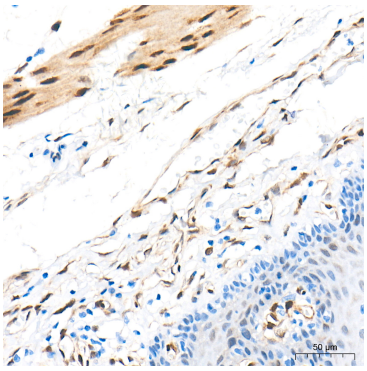
Validation Data



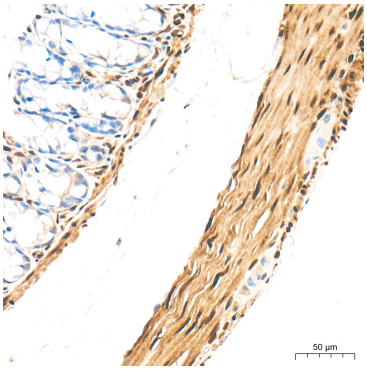
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using RBPMS Rabbit mAb (A28914) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



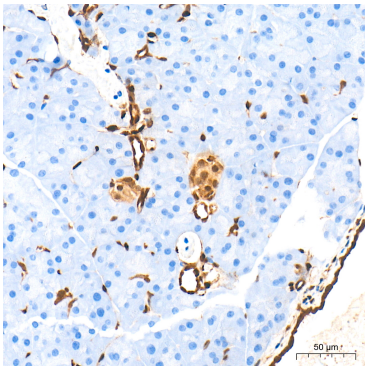
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using RBPMS Rabbit mAb (A28914) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



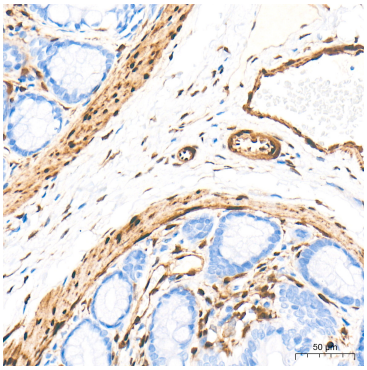
Immunohistochemistry analysis of paraffin-embedded Human esophagus tissue using RBPMS Rabbit mAb (A28914) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



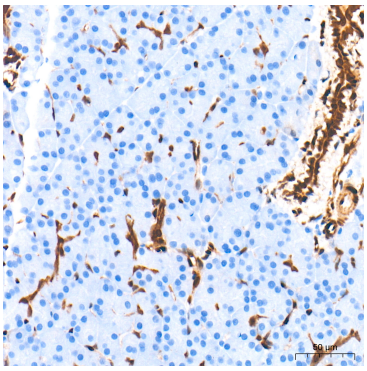
Immunohistochemistry analysis of paraffin-embedded Mouse colon tissue using RBPMS Rabbit mAb (A28914) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



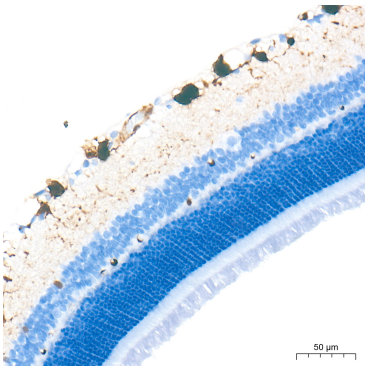
Immunohistochemistry analysis of paraffin-embedded Mouse pancreas tissue using RBPMS Rabbit mAb (A28914) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using RBPMS Rabbit mAb (A28914) 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.



Immunohistochemistry analysis of paraffin-embedded Rat pancreas tissue using RBPMS Rabbit mAb (A28914) 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.



Immunohistochemistry analysis of paraffin-embedded Rat retina tissue using RBPMS Rabbit mAb (A28914) 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.