

Rabbit anti-Human RBPMS Polyclonal Antibody | anti-RBPMS antibody

Anti-RBPMS Antibody, Rabbit Polyclonal

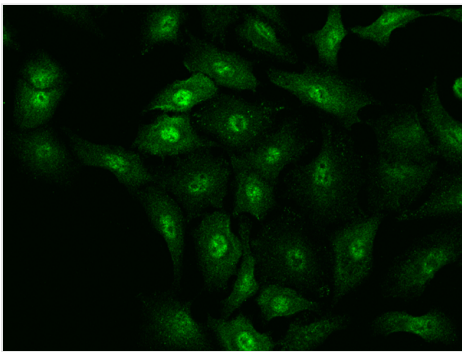
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256923	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

BPMS; Polyclonal Antibody; Anti-RBPMS Antibody; Rabbit Polyclonal; RBPMS Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-HERMES Antibody; anti-RBPMS antibody

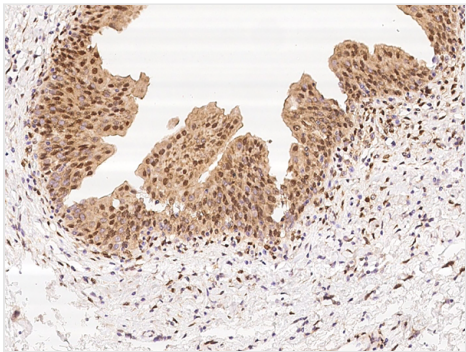
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RBPMS
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RBPMS antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human RBPMS fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RBPMS fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



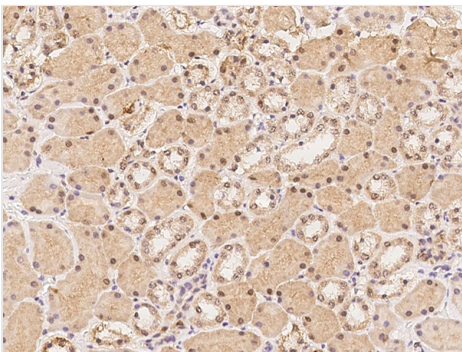
IF (Immunofluorescence)

Immunofluorescence staining of RBPMS in A549 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human RBPMS polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus and Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human RBPMS in human urinary bladder with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human RBPMS in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-RBPMS antibody	RBPMS (RNA-binding protein with multiple splicing) is a member of the RRM (RNA Recognition Motif) family of RNA-binding proteins, which is expressed as multiple alternatively spliced transcripts encoding different protein isoforms. The RBPMS family of RNA-binding proteins is defined by a conserved RNA recognition motif (RRM) domain found in metazoan RBPMS/Hermes and RBPMS2, Drosophila couch potato, and MEC-8 from Caenorhabditis elegans. RBPMS has been shown to physically interact with Smads and enhance transforming growth factor-beta (TGF-beta)-mediated Smad2/3 transcriptional activity in mammalian cells. RBPMS is involved in mRNA transport, localization and stability, with key roles in axon guidance, smooth muscle plasticity, as well as regulation of cancer cell proliferation and migration.
References	Ye L, et al. (2018) Rna-binding protein rbpms is represented in human retinas by isoforms a and c and its transcriptional regulation involves sp1-binding site. Mol Genet Genomics 293 (4): 819-830. Teplova M, et al. (2016) Structural basis underlying cac rna recognition by the rrm domain of dimeric rna-binding protein rbpms. Q Rev Biophys 49 e1. Soufari H, et al. (2017) Conserved binding of gcac motifs by mec-8, couch potato, and the rbpms protein family. Rna 23 (3): 308-316.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.