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RBPMS2 Antibody (Center) Blocking peptide

Synthetic peptide
Catalog # BP12121c

Specification

RBPMS2 Antibody (Center) Blocking peptide - Product Information

Primary Accession Q6ZRY4

RBPMS2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 348093

Other Names
RNA-binding protein with multiple splicing 2, RBPMS2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RBPMS2 Antibody (Center) Blocking peptide - Protein Information

Name RBPMS2

Function
RNA-binding protein involved in the regulation of smooth muscle cell differentiation and proliferation in the gastrointestinal system (PubMed:25064856). Binds NOG mRNA, the major inhibitor of the bone morphogenetic protein (BMP) pathway. Mediates an increase of NOG mRNA levels, thereby contributing to the negative regulation of BMP signaling pathway and promoting reversible dedifferentiation and proliferation of smooth muscle cells (By similarity). Acts as a pre- mRNA alternative splicing regulator (By similarity). Mediates ACTN1 and FLNB alternative splicing (By similarity). Likely binds to mRNA tandem CAC trinucleotide or CA dinucleotide motifs (PubMed:24860013).

Cellular Location
Cytoplasm. Nucleus Cytoplasm, Stress granule. Note=Localized to cytoplasmic stress granules after oxidative stress

RBPMS2 Antibody (Center) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

RBPMS2 Antibody (Center) Blocking peptide - Images

RBPMS2 Antibody (Center) Blocking peptide - Background

RBPMS2 contains one RRM (RNA recognition motif) domain. The exact function of RBPMS2 remains unknown.

RBPMS2 Antibody (Center) Blocking peptide - References

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)