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RBMS1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17208c

Specification

RBMS1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession P29558

RBMS1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 5937

Other Names
RNA-binding motif, single-stranded-interacting protein 1, Single-stranded DNA-binding protein MSSP-1, Suppressor of CDC2 with RNA-binding motif 2, RBMS1, C2orf12, MSSP, MSSP1, SCR2

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.

RBMS1 Antibody (Center) Blocking Peptide - Protein Information

Name RBMS1

Synonyms C2orf12, MSSP, MSSP1, SCR2

Function
Single-stranded DNA binding protein that interacts with the region upstream of the MYC gene. Binds specifically to the DNA sequence motif 5'-[AT]CT[AT][AT]T-3'. Probably has a role in DNA replication.

Cellular Location
Nucleus.

Tissue Location
Highest amounts are found in placenta, lung and heart

RBMS1 Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

RBMS1 Antibody (Center) Blocking Peptide - Images

RBMS1 Antibody (Center) Blocking Peptide - Background

This gene encodes a member of a small family of proteinswhich bind single stranded DNA/RNA. These proteins arecharacterized by the presence of two sets of ribonucleoproteinconsensus sequence (RNP-CS) that contain conserved motifs, RNP1 andRNP2, originally described in RNA binding proteins, and requiredfor DNA binding. These proteins have been implicated in suchdiverse functions as DNA replication, gene transcription, cellcycle progression and apoptosis. Several transcript variants,resulting from alternative splicing and encoding differentisoforms, have been described. A pseudogene for this locus is foundon chromosome 12.

RBMS1 Antibody (Center) Blocking Peptide - References

Qi, L., et al. Hum. Mol. Genet. 19(13):2706-2715(2010)Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Landers, J.E., et al. Proc. Natl. Acad. Sci. U.S.A. 106(22):9004-9009(2009)Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)