

RBMS1/Cervical cancer oncogene 4 Rabbit pAb

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Catalog # AP57658

Product Information

Application	WB
Primary Accession	P29558
Reactivity	Mouse
Predicted	Rat, Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44505
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human RBMS1/Cervical cancer oncogene 4
Epitope Specificity	181-280/406
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of a small family of proteins which bind single stranded DNA/RNA. These proteins are characterized by the presence of two sets of ribonucleoprotein consensus sequence (RNP-CS) that contain conserved motifs, RNP1 and RNP2, originally described in RNA binding proteins, and required for DNA binding. These proteins have been implicated in such diverse functions as DNA replication, gene transcription, cell cycle progression and apoptosis. Several transcript variants, resulting from alternative splicing and encoding different isoforms, have been described. A pseudogene for this locus is found on chromosome 12. [provided by RefSeq, Feb 2009]

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
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

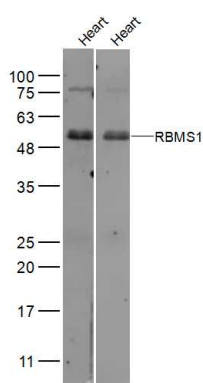
Protein Information

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

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Images



Sample:

Heart (Mouse) Lysate at 40 ug

Heart (Mouse) Lysate at 40 ug

Primary: Anti-RBMS1 (AP57658) at 1/500 dilution

Anti-RBMS1 (AP57658) at 1/20000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 45 kD

Observed band size: 50 kD

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