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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP57533_P050-Biotin
Product Page	www.avivasysbio.com/rprd1b-antibody-c-terminal-region-biotin-arp57533-p050-biotin.html
Name	Rprd1b Antibody - C-terminal region : Biotin (ARP57533_P050-Biotin)
Protein Size (# AA)	224 amino acids
Molecular Weight	24kDa
Conjugation	Biotin
NCBI Gene Id	70470
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	regulation of nuclear pre-mRNA domain containing 1B
Alias Symbols	Cre, Crept, 2610304G08Rik, 2810446G03Rik
Peptide Sequence	Synthetic peptide located within the following region: QERSVYGGFEFIQQLKLSMEDSKSPPPKA AEEKKSLKRTEFQQIQEEEDDDY
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	Rprd1b interacts with phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit POLR2A, and participates in dephosphorylation of the CTD. It is a transcriptional regulator which enhances expression of CCND1. It promotes binding of RNA polymerase II to the CCDN1 promoter and to the termination region before the poly-A site but decreases its binding after the poly-A site. It prevents RNA polymerase II from reading through the 3' end termination site and may allow it to be recruited back to the promoter through promotion of the formation of a chromatin loop. It also enhances the transcription of a number of other cell cycle-related genes including CDK2, CDK4, CDK6 and cyclin-E but not CDKN1A, CDKN1B or cyclin-A. Rprd1b promotes cell proliferation.
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-Rprd1b (ARP57533_P050-Biotin) antibody
Blocking Peptide	For anti-Rprd1b (ARP57533_P050-Biotin) antibody is Catalog # AAP57533
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of Mouse Rprd1b
Uniprot ID	Q9CSU0-3
Protein Name	Regulation of nuclear pre-mRNA domain-containing protein 1B
Protein Accession #	NP_081710
Purification	Affinity Purified
Nucleotide Accession #	NM_027434
Gene Symbol	Rprd1b
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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