

Rabbit anti-Human, Mouse RPRD1B Polyclonal Antibody | anti-RPRD1B antibody

Rabbit anti-RPRD1B Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212284	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

RPRD1B; Polyclonal Antibody; Rabbit anti-RPRD1B Antibody; Affinity Purified; C20orf77; Cell cycle-related and expression-elevated protein in tumor; cell-cycle related and expression-elevated protein in tumor; CREPT; dJ1057B20.2; K-H; Ku70-binding protein 5-Hera; Kub5-Hera; NET60; regulation of nuclear pre-mRNA domain-containing protein 1B; Regulation of nuclear pre-mRNA domain-containing protein 1B; regulation of nuclear pre-mRNA domain containing 1B; anti-RPRD1B antibody

PRODUCT SPECIFICATIONS

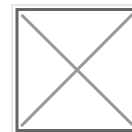
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-RPRD1B antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 276 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse RPRD1B by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RPRD1B antibody AAA212284 (lot AAA212284-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human RPRD1B by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RPRD1B antibody AAA212284 (lot AAA212284-2) used for IP at 3 ug per reaction. RPRD1B was also immunoprecipitated by rabbit anti-RPRD1B antibody BL13606. For blotting immunoprecipitated RPRD1B, AAA212284 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-RPRD1B antibody	RPRD1B (regulation of nuclear pre-mRNA domain containing 1B) Interacts with phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit POLR2A, and participates in dephosphorylation of the CTD. RPRD1B is a transcriptional regulator that promotes cell proliferation and enhances the transcription of a number of cell cycle-related genes including CCND1, CDK2, CDK4, CDK6 and cyclin-E but not CDKN1A, CDKN1B or cyclin-A [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q9NQG5].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11034845
NCBI GeneID	58490
NCBI Accession #	NP_067038.1
NCBI GenBank Nucleotide #	NM_021215.3
UniProt Accession #	Q9NQG5; Q1WDE7; Q6PKF4
Molecular Weight	36,900 Da
NCBI Official Full Name	regulation of nuclear pre-mRNA domain-containing protein 1B
NCBI Official Synonym Full Names	regulation of nuclear pre-mRNA domain containing 1B
NCBI Official Symbol	RPRD1B
NCBI Official Synonym Symbols	CREPT; NET60; C20orf77; dJ1057B20.2
NCBI Protein Information	regulation of nuclear pre-mRNA domain-containing protein 1B
UniProt Protein Name	Regulation of nuclear pre-mRNA domain-containing protein 1B
UniProt Gene Name	RPRD1B
UniProt Synonym Gene Names	C20orf77; CREPT
UniProt Entry Name	RPR1B_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rprd1b-antibody-immunoprecipitation-western-blot-elisa/212284>