

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

Anti-RPRD1B Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA257538	Rabbit	Human	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, ELISA, Western Blot

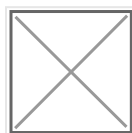
PRODUCT SYNONYMS

RPRD1B; Polyclonal Antibody; Anti-RPRD1B Antibody; Rabbit Polyclonal; RPRD1B Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-C20orf77 Antibody; Anti-CREPT Antibody; Anti-dJ1057B20.2 Antibody; Anti-NET60 Antibody; regulation of nuclear pre-mRNA domain containing 1B; anti-RPRD1B antibody

PRODUCT SPECIFICATIONS

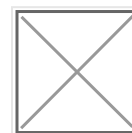
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RPRD1B
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid. 0.2um filtered solution in PBS
Applicable Applications for anti-RPRD1B antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human RPRD1B Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human RPRD1B (rh RPRD1B; AAH33629.1; Met1-Asp326). RPRD1B specific IgG was purified by Human RPRD1B affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



IP (Immunoprecipitation)

RPRD1B was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate Lane B: 0.5 mg Jurkat Whole Cell Lysate Lane C: 0.5 mg HeLa Whole Cell Lysate Lane D: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-RPRD1B rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-RPRD1B rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 38 kDa Observed band size: 38 kDa



IF (Immunofluorescence)

Immunofluorescence staining of RPRD1B in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human RPRD1B polyclonal antibody (dilution ratio 1:100) at 4 degree C overnight. Then cells were stained with the Alexa Fluor-488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.



WB (Western Blot)

Anti-RPRD1B rabbit polyclonal antibody at 1:200 dilution
Lane A: Jurkat Whole Cell Lysate
Lane B: HeLa Whole Cell Lysate
Lane C: HepG2 Whole Cell Lysate
Lysates/proteins at 30 ug per lane.
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.
Developed using the ECL technique.
Performed under reducing conditions.
Predicted band size: 38 kDa
Observed band size: 38 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RPRD1B antibody	Background: RPRD1B, together with RPRD1A, can accompany RNAP II from promoter regions to 3'-untranslated regions during transcription in vivo, predominantly interact with phosphorylated RNAP II, and can reduce CTD S5- and S7-phosphorylated RNAP II at target gene promoters. RNA polymerase II C-terminal domain (CTD) phosphorylation is important for various transcription-related processes. RPRD1B is a transcriptional regulator that enhances expression of CCND1. 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.
References	Ni Z. et al., 2011, Transcription. 2 (5): 237-42. Kristensen AR. et al., 2012, Nat Methods. 9 (9): 907-9. Woods NT. et al., 2012, Sci Signal. 5 (242): rs6.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/rprd1b-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/257538>