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Datasheet for ABIN7167585

anti-RPRD1B antibody (AA 2-172) (HRP)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µg |
| Target: | RPRD1B |
| Binding Specificity: | AA 2-172 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RPRD1B antibody is conjugated to HRP |
| Application: | ELISA |

Product Details

| | |
|-------------------|---|
| Immunogen: | Recombinant Human Regulation of nuclear pre-mRNA domain-containing protein 1B protein (2-172AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|--|
| Target: | RPRD1B |
| Alternative Name: | RPRD1B (RPRD1B Products) |
| Background: | Background: Interacts with phosphorylated C-terminal heptapeptide repeat domain (CTD) of the |

Target Details

largest RNA polymerase II subunit POLR2A, and participates in dephosphorylation of the CTD. Transcriptional regulator which enhances expression of CCND1. Promotes binding of RNA polymerase II to the CCND1 promoter and to the termination region before the poly-A site but decreases its binding after the poly-A site. 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. 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. Promotes cell proliferation.

Aliases: RPRD1B antibody, C20orf77 antibody, CREPT antibody, Regulation of nuclear pre-mRNA domain-containing protein 1B antibody, Cell cycle-related and expression-elevated protein in tumor antibody

UniProt: [Q9NQG5](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.