

## anti- RPRD1B antibody

### Product Information

Catalog No.:	FNab07456
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Interacts with phosphorylated C-terminal heptapeptide repeat domain(CTD) of the 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.

### Immunogen information

Immunogen:	regulation of nuclear pre-mRNA domain containing 1B
Synonyms:	C20orf77, CREPT
Observed MW:	37 kDa
UniprotID :	Q9NQG5

### Application

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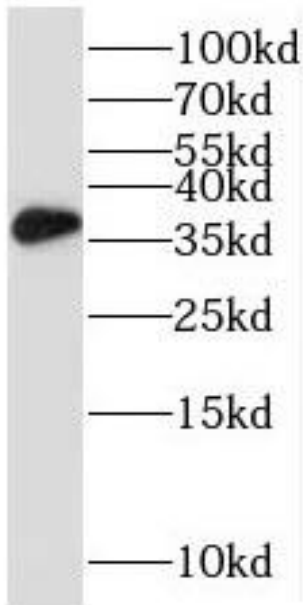
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Reactivity: Human  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:500-1:2000  
Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab07456( RPRD1B Antibody) at dilution of 1:1000

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