



Rabbit Anti-P15RS antibody

SL6391R

Product Name:	P15RS
Chinese Name:	细胞周期依赖性激酶抑制相关蛋白抗体
Alias:	Cyclin dependent kinase 2B inhibitor related protein; Cyclin dependent kinase inhibitor 2B related protein (p15INK4B related protein); Cyclin dependent kinase inhibitor 2B related protein; Cyclin dependent kinase inhibitor related protein; Hypothetical protein FLJ10656; p15INK4B related protein; Putative uncharacterized protein P15RS; Regulation of nuclear pre mRNA domain containing 1A; RPRD1A; RPR1A HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	36kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human RPRD1A/P15RS:231-312/312
Isotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	P15RS is upregulated in cells overexpressing cyclin-dependent kinase inhibitor p15(INK4b) (CDKN2B; MIM 600431) and may have a role in cell cycle regulation

Function:

Interacts with phosphorylated C-terminal heptapeptide repeat domain (CTD) of the largest RNA polymerase II subunit POLR2A, and participates in dephosphorylation of the CTD. May act as a negative regulator of cyclin-D1 (CCND1) and cyclin-E (CCNE1) in the cell cycle.

Subunit:

Associates with the RNA polymerase II complex.

Similarity:

Belongs to the UPF0400 (RTT103) family.

Contains 1 CID domain.

SWISS:

Q96P16

Gene ID:

55197

Database links:

[Entrez Gene: 420953](#) Chicken

[Entrez Gene: 504355](#) Cow

[Entrez Gene: 55197](#) Human

[Entrez Gene: 225283](#) Mouse

[Omim: 610347](#) Human

[SwissProt: Q5ZM30](#) Chicken

[SwissProt: Q0P5J9](#) Cow

[SwissProt: Q96P16](#) Human

[SwissProt: Q8VDS4](#) Mouse

[Unigene: 464912](#) Human

[Unigene: 28427](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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