



Rabbit Anti-PURA antibody

SL23090R

Product Name:	PURA
Chinese Name:	富含嘌呤元件Binding proteinA抗体
Alias:	PUR ALPHA; PUR1; purA; PURA_HUMAN; PURALPHA; Purine rich element binding protein A; Purine rich single stranded DNA binding protein alpha; Purine-rich single-stranded DNA-binding protein alpha; Transcriptional activator protein PUR alpha; Transcriptional activator protein Pur-alpha.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	35kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human PURA:221-322/322
Lsotype:	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:	This gene product is a sequence-specific, single-stranded DNA-binding protein. It binds preferentially to the single strand of the purine-rich element termed PUR, which is present at origins of replication and in gene flanking regions in a variety of eukaryotes from yeasts through humans. Thus, it is implicated in the control of both DNA

replication and transcription. Deletion of this gene has been associated with myelodysplastic syndrome and acute myelogenous leukemia. [provided by RefSeq, Jul 2008]

Function:

This is a probable transcription activator that specifically binds the purine-rich single strand of the PUR element located upstream of the MYC gene. May play a role in the initiation of DNA replication and in recombination.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the PUR DNA-binding protein family.

SWISS:

Q00577

Gene ID:

5813

Database links:

[Entrez Gene: 5813](#)Human

[Entrez Gene: 19290](#)Mouse

[Entrez Gene: 307498](#)Rat

[Omim: 600473](#)Human

[SwissProt: Q00577](#)Human

[SwissProt: P42669](#)Mouse

[SwissProt: P86252](#)Rat

[Unigene: 443121](#)Human

[Unigene: 231802](#)Mouse

[Unigene: 482241](#)Mouse

[Unigene: 41055](#)Rat

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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