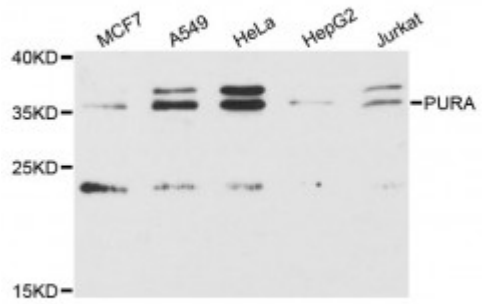
Anti-PURA Antibody



Description	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.

Model	STJ116356
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 203-322 of human PURA (NP_005850.1).
Gene ID	5813
Gene Symbol	PURA
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Transcriptional activator protein Pur-alpha Purine-rich single-stranded DNA-binding protein alpha
Molecular Weight	34.911 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:9701OMIM:600473
Alternative Names	Transcriptional activator protein Pur-alpha Purine-rich single-stranded DNA-binding protein alpha
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
Cellular Localization	Nucleus