



Anti-PURA (aa 183-292) polyclonal antibody (DPAB-DC2626)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.
Immunogen	PURA (NP_005850, 183 a.a. ~ 292 a.a) partial recombinant protein with GST tag. The sequence is TQGQTIALPAQGLIEFRDALAKLIDDYGVEEPAELPEGTSLTVDNKRFFFVGGSNKYGV FMRVSEVKPTYRNSITVPYKVWAKFGHTFCKYSEETKKIQEKKQREKRAAC
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Tissue lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PURA purine-rich element binding protein A [Homo sapiens (human)]
Official Symbol	PURA
Synonyms	PURA; purine-rich element binding protein A; PUR1; PURALPHA; PUR-ALPHA; transcriptional activator protein Pur-alpha; purine-rich single-stranded DNA-binding protein alpha;
Entrez Gene ID	5813
Protein Refseq	NP_005850
UniProt ID	Q00577
Chromosome Location	5q31
Pathway	Diurnally regulated genes with circadian orthologs.
Function	RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; SMAD binding; double-stranded telomeric DNA binding; poly(A) RNA binding
