

PURA Rabbit pAb

Catalog # AP97155

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q00577
Other Accession	Q00577
Reactivity	Mouse
Predicted	Rat, Pig, Cat, Human, Rabbit, Dog, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34911
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PURA
Epitope Specificity	131-230/322
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the PUR DNA-binding protein family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Gene ID	5813
Other Names	MRD31; NEDRIHF; PUR-ALPHA; PUR1; PURALPHA; 6330411E07Rik; CAGER-1; ssCRE-BP; PURA_HUMAN; PURA; Purine-rich single-stranded DNA-binding protein alpha; PURA_MOUSE; PURA_RAT; purine rich element binding protein A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	PURA
Synonyms	PUR1
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 (PubMed: 1448097 , PubMed: 20976240). May play a role in the initiation of DNA replication and in recombination.
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.