

PURA Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11789b

Specification

PURA Antibody (C-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q00577
Other Accession	P42669 , NP_005850.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	34911
Antigen Region	259-287

PURA Antibody (C-term) - Additional Information

Gene ID 5813

Other Names

Transcriptional activator protein Pur-alpha, Purine-rich single-stranded DNA-binding protein alpha, PURA, PUR1

Target/Specificity

This PURA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 259-287 amino acids from the C-terminal region of human PURA.

Dilution

WB~~1:1000

IHC-P~~1:50~100

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PURA Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

PURA Antibody (C-term) - 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

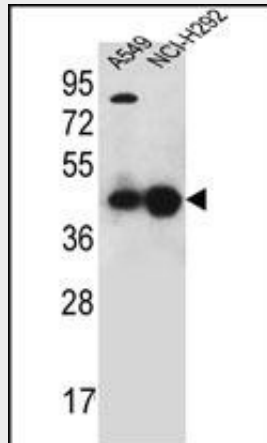
Nucleus.

PURA Antibody (C-term) - Protocols

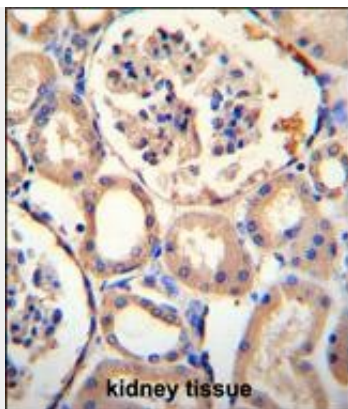
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PURA Antibody (C-term) - Images



PURA Antibody (C-term) (Cat. #AP11789b) western blot analysis in A549,NCI-H292 cell line lysates (35ug/lane).This demonstrates the PURA antibody detected the PURA protein (arrow).



PURA Antibody (C-term) (Cat. #AP11789b) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PURA Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

PURA Antibody (C-term) - Background

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.

PURA Antibody (C-term) - References

- Inoue, T., et al. Prostate 69(8):861-873(2009)
- Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009)
- Kaminski, R., et al. Cancer Biol. Ther. 7(12):1926-1935(2008)
- Darbinian, N., et al. J. Alzheimers Dis. 15(1):71-82(2008)
- Wang, L.G., et al. Cancer Res. 68(8):2678-2688(2008)