

For Research Use Only

# PURA Polyclonal antibody

Catalog Number: 17733-1-AP

Featured Product

6 Publications



## Basic Information

Catalog Number:

17733-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12173

GenBank Accession Number:

BC036087

GeneID (NCBI):

5813

UNIPROT ID:

Q00577

Full Name:

purine-rich element binding protein A

Calculated MW:

322 aa, 35 kDa

Observed MW:

35-40 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IP, IF, RIP, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat

Positive Controls:

WB: A549 cells, HepG2 cells, HeLa cells, U-87 MG cells

## Background Information

PURA, also named as Transcriptional activator protein Pur-alpha, is a 322 amino acid protein, which belongs to the PUR DNA-binding protein family and can form homodimer or heterodimer with PURB and heterotrimer with PURB and YBX1/Y-box protein 1. PURA is a probable transcription activator that specifically binds the purine-rich single strand of the PUR element located upstream of the MYC gene and may play a role in the initiation of DNA replication and in recombination.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yanbin Wang	30392635	Acta Histochem	WB
Ruibing Chen	33751109	Nucleic Acids Res	RIP
Belin Sophie	31379499	Front Mol Neurosci	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1%BSA

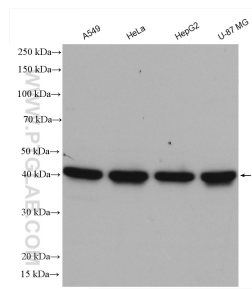
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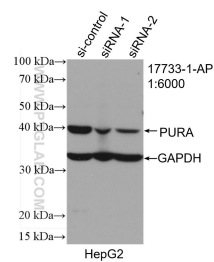
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# Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17733-1-AP (PURA antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of PURA antibody (17733-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PURA transfected HepG2 cells.