

For Research Use Only

# PURA Polyclonal antibody

Catalog Number: 17733-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

17733-1-AP

**Size:**

800 µg/ml

**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

For technical support and original validation data for this product please contact:

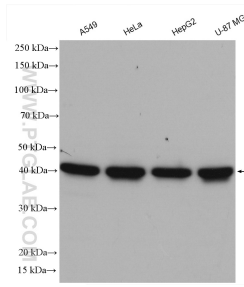
T: 4006900926

E: Proteintech-CN@ptglab.com

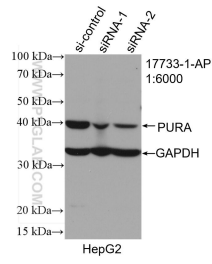
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.