

For Research Use Only

# PURA Monoclonal antibody

Catalog Number: 67305-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 67305-1-Ig	<b>GenBank Accession Number:</b> BC036087	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1600 µg/ml	<b>GeneID (NCBI):</b> 5813	<b>CloneNo.:</b> 1C6G4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q00577	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG2a	<b>Full Name:</b> purine-rich element binding protein A	
<b>Immunogen Catalog Number:</b> AG12164	<b>Calculated MW:</b> 322 aa, 35 kDa	
	<b>Observed MW:</b> 35-40 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, mouse, rat, pig

**Positive Controls:**  
WB : HepG2 cells, pig brain tissue, rat brain tissue, mouse brain tissue, L02 cells, LNCaP cells, human placenta tissue, rat cerebellum tissue, mouse cerebellum tissue

## 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 YBK1/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.

## 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:

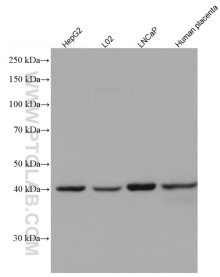
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

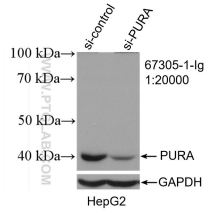
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67305-1-Ig (PURA antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



WB result of PURA antibody (67305-1-Ig: 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-PURA transfected HepG2 cells.