

For Research Use Only

# PURA Monoclonal antibody

Catalog Number: 67305-1-Ig

Featured Product



## Basic Information

Catalog Number:

67305-1-Ig

Size:

150ul, Concentration: 1600 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG12164

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:

Protein A purification

CloneNo.:

1C6G4

Recommended Dilutions:

WB 1:5000-1:50000

## 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 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.

## 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

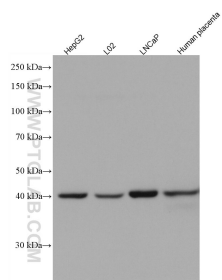
For technical support and original validation data for this product please contact:

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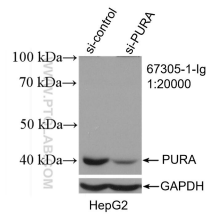
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Selected Validation Data



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.