

For Research Use Only

# cyclin I Polyclonal antibody

Catalog Number: 16357-1-AP



## Basic Information

### Catalog Number:

16357-1-AP

### Size:

150ul , Concentration: 140 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0493

### GenBank Accession Number:

BC004975

### GeneID (NCBI):

10983

### UNIPROT ID:

Q14094

### Full Name:

cyclin I

### Calculated MW:

43 kDa

### Observed MW:

43 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

**WB :** mouse brain tissue, human brain tissue, rat skeletal muscle tissue, mouse skeletal muscle tissue, rat brain tissue

**IHC :** human heart tissue, human brain tissue, human liver tissue, human lung tissue, human ovary tissue, human placenta tissue, human spleen tissue, human testis tissue

## 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

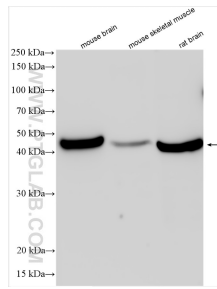
For technical support and original validation data for this product please contact:

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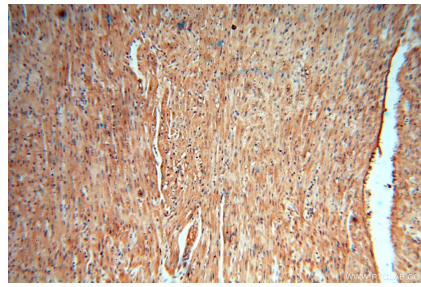
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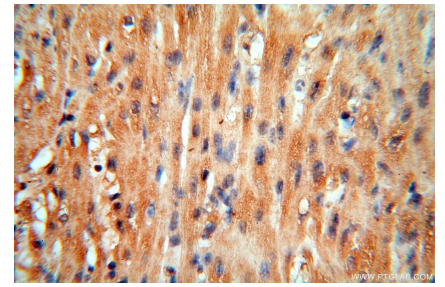
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 16357-1-AP (cyclin I antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart using 16357-1-AP (cyclin I antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 16357-1-AP (cyclin I antibody) at dilution of 1:50 (under 40x lens).