

For Research Use Only

# AK1 Polyclonal antibody

Catalog Number: 14978-1-AP

5 Publications



## Basic Information

### Catalog Number:

14978-1-AP

### Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG6890

### GenBank Accession Number:

BC001116

### GeneID (NCBI):

203

### UNIPROT ID:

P00568

### Full Name:

adenylate kinase 1

### Calculated MW:

22 kDa

### Observed MW:

22 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

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 heart tissue, human heart tissue, mouse skeletal muscle tissue, rat heart tissue

IHC : mouse heart tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Gerald Wölkart	35618039	Eur J Pharmacol	WB
Michiyo Maruyama	34982774	PLoS One	WB
Yue Zong	30948787	Cell Res	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

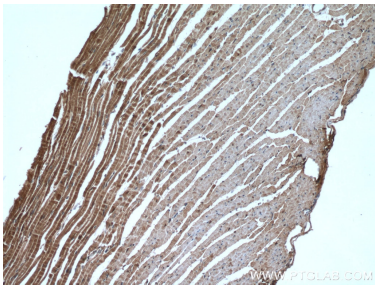
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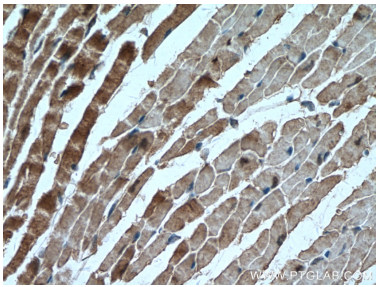
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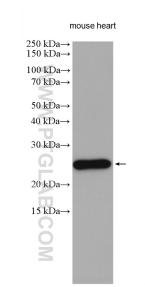
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 14978-1-AP (AK1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 14978-1-AP (AK1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse heart lysates were subjected to SDS PAGE followed by western blot with 14978-1-AP (AK1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.