

For Research Use Only

AK1 Polyclonal antibody

Catalog Number: 14978-1-AP **5 Publications**



Basic Information

| | | |
|--|--|--|
| Catalog Number: 14978-1-AP | GenBank Accession Number: BC001116 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 203 | Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: P00568 | |
| Isotype: IgG | Full Name: adenylate kinase 1 | |
| Immunogen Catalog Number: AG6890 | Calculated MW: 22 kDa | |
| | Observed MW: 22 kDa | |

Applications

| | |
|--|---|
| Tested Applications: WB, IHC, ELISA | Positive Controls: WB : mouse heart tissue, human heart tissue, mouse skeletal muscle tissue, rat heart tissue IHC : mouse heart tissue, |
| Cited Applications: WB | |
| Species Specificity: human, mouse, rat | |
| Cited Species: human, rat, mouse | |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

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

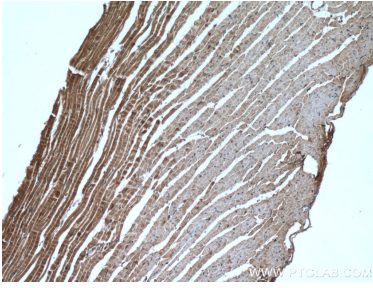
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

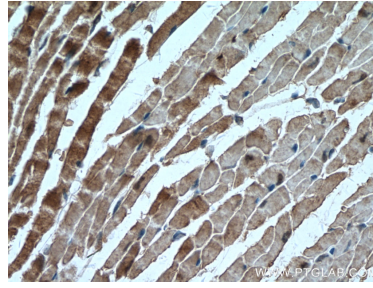
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

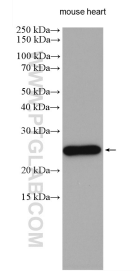
Selected Validation Data



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.