

For Research Use Only

# Alpha Actin Polyclonal antibody

Catalog Number: 11032-1-AP **4 Publications**



## Basic Information

**Catalog Number:**

11032-1-AP

**Size:**

350 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1471

**GenBank Accession Number:**

BC009978

**GeneID (NCBI):**

70

**UNIPROT ID:**

P68032

**Full Name:**

actin, alpha, cardiac muscle 1

**Calculated MW:**

377 aa, 42 kDa

**Observed MW:**

42 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

IHC, WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Positive Controls:**

**WB:** mouse heart tissue, mouse skeletal muscle tissue, mouse thymus tissue

**IP:** mouse heart tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yucheng Gao	33867840	Int J Biol Sci	WB
Xin Zhou	33688204	Onco Targets Ther	WB
An-Jing Ren	32844471	FASEB J	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

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

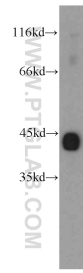
T: 4006900926

E: Proteintech-CN@ptglab.com

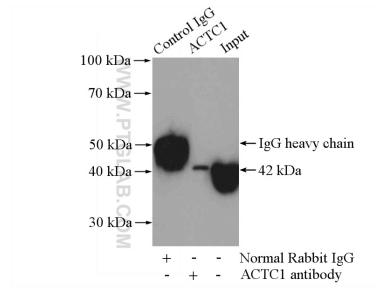
W: ptgcn.com

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## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 11032-1-AP (alpha Actin antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP result of anti-Alpha Actin (IP:11032-1-AP, 4ug; Detection:11032-1-AP 1:800) with mouse heart tissue lysate 3200ug.