

For Research Use Only

Alpha Actin Polyclonal antibody

Catalog Number: 11032-1-AP

4 Publications



Basic Information

Catalog Number:

11032-1-AP

Size:

150ul, Concentration: 350 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

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 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB, IHC

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,

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

*** 20ul sizes contain 0.1% BSA

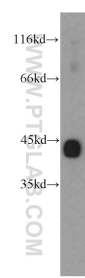
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

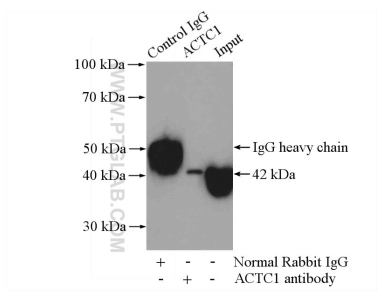
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.