For Research Use Only

alpha Actin Polyclonal ANTIBODY

Catalog Number:11032-1-AP 1 Publications

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Basic Information

Catalog Number:
11032-1-AP

Size:
35 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG1471

GenBank Accession Number:
BC009978

GeneID (NCBI):
70

Full Name:
actin, alpha, cardiac muscle 1

Calculated MW:
377aa,42 kDa

Observed MW:
42 kDa

Recommended Dilutions:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

Applications

Tested Applications:
IP, WB, ELISA

Cited Applications:
IHC

Species Specificity:
human,mouse,rat

Cited Species:
human

Note: 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; mouse skeletal muscle tissue, mouse thymus tissue

IP : mouse heart tissue;

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Galat Vasiliy V	21861759	Stem Cells Dev	IHC

Storage

Storage:
Store at -20ºC. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% 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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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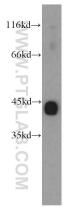
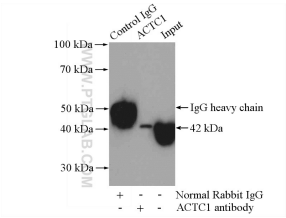
Selected Validation Data



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.