

For Research Use Only

# Caveolin-3 Polyclonal antibody

Catalog Number: 28358-1-AP

3 Publications



## Basic Information

Catalog Number:

28358-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28009

GenBank Accession Number:

BC069368

GeneID (NCBI):

859

UNIPROT ID:

P56539

Full Name:

caveolin 3

Calculated MW:

151 aa, 17 kDa

Observed MW:

20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:50-1:500

IF-P: 1:50-1:500

IF/ICC: 1:200-1:800

## Applications

Tested Applications:

WB, IHC, IF/ICC, IF-P, ELISA

Cited Applications:

WB, IF

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 colon tissue, mouse heart tissue, mouse skeletal muscle tissue

IHC: mouse heart tissue, rat skeletal muscle tissue, mouse skeletal muscle tissue

IF-P: mouse skeletal muscle tissue,

IF/ICC: H9C2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Lin Wang	34413928	Oxid Med Cell Longev	WB
Lijin Wang	40368774	Int Heart J	WB,IF
Ya Liu	39879982	Cell Metab	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

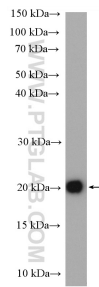
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

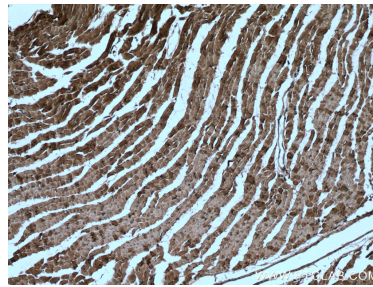
W: [ptgcn.com](http://ptgcn.com)

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

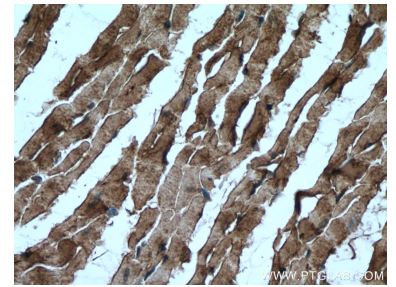
## Selected Validation Data



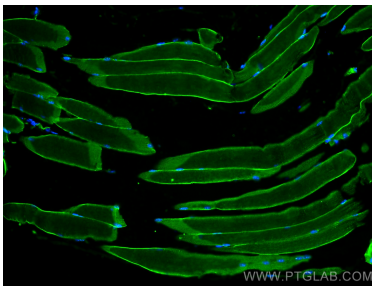
mouse colon tissue were subjected to SDS PAGE followed by western blot with 28358-1-AP (Caveolin-3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



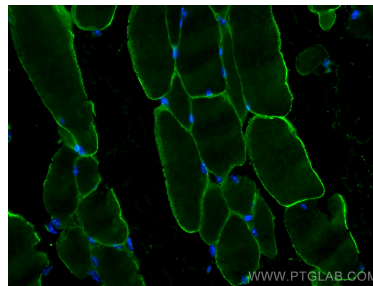
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 28358-1-AP (Caveolin-3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



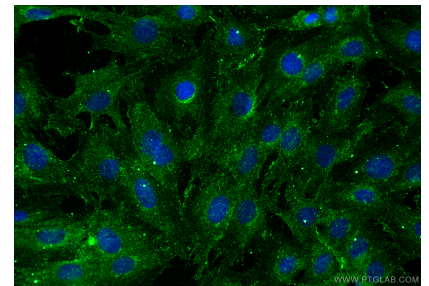
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 28358-1-AP (Caveolin-3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using Caveolin-3 antibody (28358-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse skeletal muscle tissue using Caveolin-3 antibody (28358-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed H9C2 cells using Caveolin-3 antibody (28358-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).