

For Research Use Only

Caveolin-3 Polyclonal antibody

Catalog Number: 28358-1-AP

1 Publications



Basic Information

Catalog Number:

28358-1-AP

Size:

900 µg/ml

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 1:50-1:500

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Cited Applications:

WB

Species Specificity:

Human, mouse, rat

Cited Species:

human, mouse

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 : mouse skeletal muscle tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Lin Wang	34413928	Oxid Med Cell Longev	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:

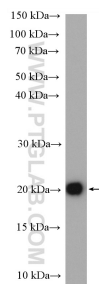
T: 4006900926

E: Proteintech-CN@ptglab.com

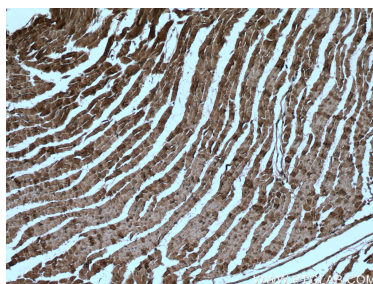
W: ptgcn.com

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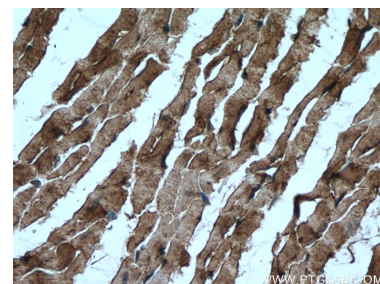
Selected Validation Data



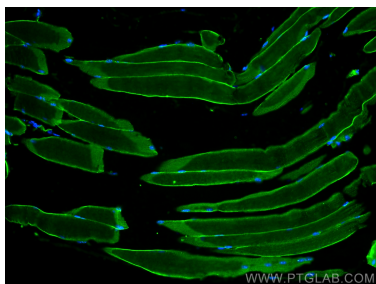
mouse colon tissue were subjected to SDS PAGE followed by western blot with 28358-1-AP (Caveolin-3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



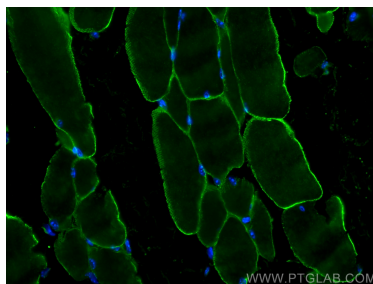
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 28358-1-AP (Caveolin-3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).