

For Research Use Only

Caveolin-3 Polyclonal antibody

Catalog Number: 28358-1-AP

1 Publications



Basic Information

| | | |
|--|--|---|
| Catalog Number: 28358-1-AP | GenBank Accession Number: BC069368 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 900 µg/ml by Nanodrop and 467 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 859 | Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500 |
| Source: Rabbit | Full Name: caveolin 3 | |
| Isotype: IgG | Calculated MW: 151 aa, 17 kDa | |
| Immunogen Catalog Number: AG28009 | Observed MW: 20 kDa | |

Applications

| | |
|--|---|
| Tested Applications: IF, IHC, WB, ELISA | Positive Controls: |
| Cited Applications: WB | WB : mouse colon tissue, mouse heart tissue, mouse skeletal muscle tissue |
| Species Specificity: Human, mouse, rat | IHC : mouse heart tissue, rat skeletal muscle tissue, mouse skeletal muscle tissue |
| Cited Species: human, mouse | IF : mouse skeletal muscle tissue, |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | |

Background Information

Notable Publications

| Author | Pubmed ID | Journal | Application |
|----------|-----------|----------------------|-------------|
| Lin Wang | 34413928 | Oxid Med Cell Longev | WB |

Storage

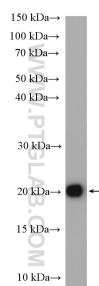
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

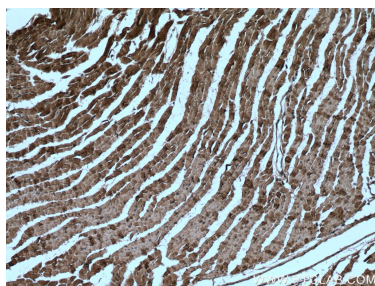
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

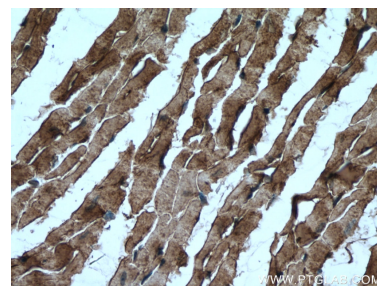
Selected Validation Data



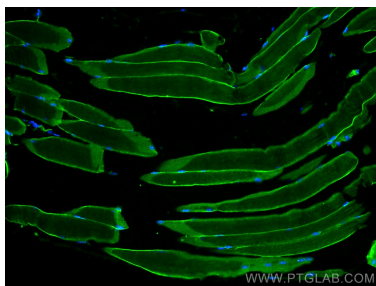
mouse colon tissue were subjected to SDS PAGE followed by western blot with 28358-1-AP (Caveolin-3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



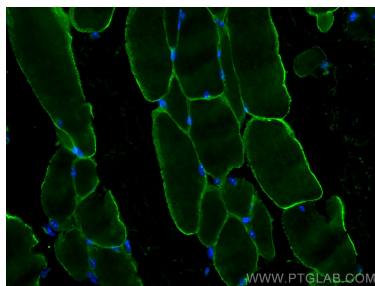
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 28358-1-AP (Caveolin-3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).