

Product Datasheet

Caveolin-3 Antibody (4G5W2)

NBP3-16503-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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NBP3-16503-100ul**Caveolin-3 Antibody (4G5W2)****Product Information**

Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G5W2
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

Product Description

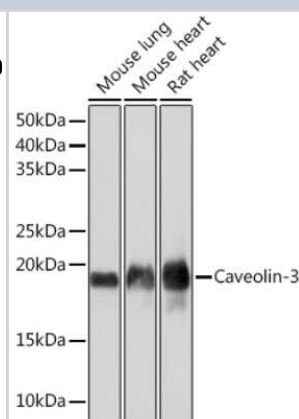
Host	Rabbit
Gene ID	859
Gene Symbol	CAV3
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-151 of human Caveolin-3 (P56539). MMAEEHTDLEAQIVKDIHCKEIDLVNRPKNINEDIVKVDFEDVIAEPVGTYSFD GVWKVSYYTFTVSKYWCYRLLSTLLGVPLALLWGFLFACISFCHIWA VVPCIKS YLIEIQCISHIYSLCIRTF CNPLFAALGQVCSSIKVVL RKEV

Product Application Details

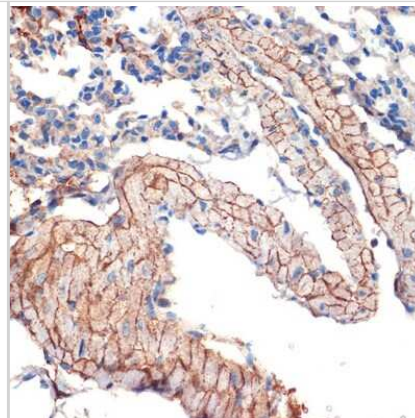
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin

Images

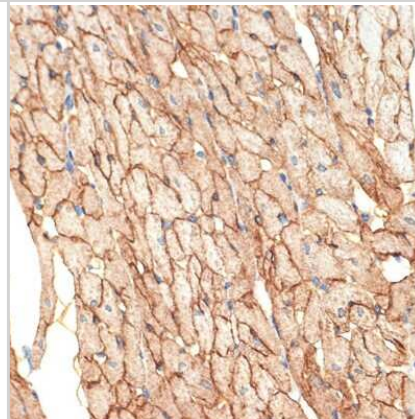
Western Blot: Caveolin-3 Antibody (4G5W2) [NBP3-16503] - Western blot analysis of extracts of various cell lines, using Caveolin-3 Rabbit mAb (NBP3-16503) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry-Paraffin: Caveolin-3 Antibody (4G5W2) [NBP3-16503] - Immunohistochemistry of paraffin-embedded mouse lung using Caveolin-3Rabbit mAb (NBP3-16503) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry-Paraffin: Caveolin-3 Antibody (4G5W2) [NBP3-16503] - Immunohistochemistry of paraffin-embedded rat heart using Caveolin-3Rabbit mAb (NBP3-16503) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blot: Caveolin-3 Antibody (4G5W2) [NBP3-16503] - Western blot analysis of various lysates, using Caveolin-3Rabbit mAb at 1:1000 dilution.

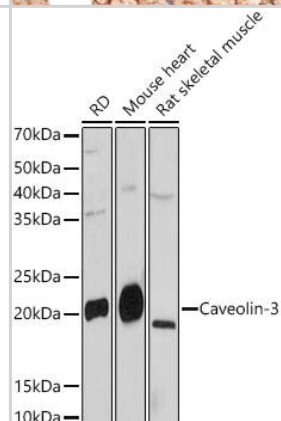
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 180s.



Western Blot: Caveolin-3 Antibody (4G5W2) [Caveolin-3] - Western blot analysis of various lysates, using Caveolin-3Rabbit mAb at 1:1000 dilution.

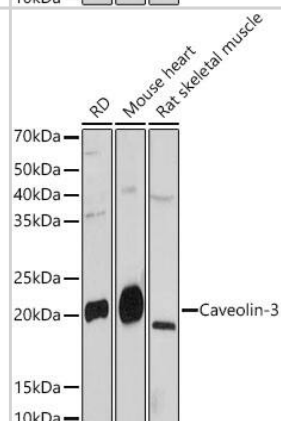
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit .

Exposure time: 180s.



Publications

Ewen Le Quilliec, Charles-Alexandre LeBlanc, Orlane Neuilly, Jiening Xiao, Rim Younes, Yasemin Altuntas, Feng Xiong, Patrice Naud, Louis Villeneuve, Martin G Sirois, Jean-François Tanguay, Jean-Claude Tardif, Roddy Hiram
Atrial cardiomyocytes contribute to the inflammatory status associated with atrial fibrillation in right heart disease
Europace 2024-04-01 [PMID: 38546222]



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Products Related to NBP3-16503-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00000859-Q01-10ug	Recombinant Human Caveolin-3 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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