

Product Datasheet

Caveolin-3 Antibody NB110-5029

Unit Size: 100 ug

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

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Publications: 2

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NB110-5029

Caveolin-3 Antibody

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS with 1 mg/ml BSA

Product Description	
Description	Novus Biologicals Rabbit Caveolin-3 Antibody (NB110-5029) is a polyclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-Caveolin-3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	859
Gene Symbol	CAV3
Species	Human, Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 14688207). Rat reactivity reported in scientific literature (PMID: 11567040).
Marker	Muscle Specific Caveolae Marker, T-tubule Marker
Specificity/Sensitivity	Detects caveolin-3 from rat tissues. This does not detect caveolin-1 or -2.
Immunogen	Synthetic peptide corresponding to residues M(1) M T E E H T D L E A R I I K D I H C(19) C of mouse CAV3

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Flow Cytometry 3 - 5 ug / 10 ⁶ cells, Immunohistochemistry 1:100 - 200, Immunocytochemistry/ Immunofluorescence 1 - 2 ug/ml, Immunoprecipitation 5 ug, Immunohistochemistry-Paraffin 1:100 - 200
Application Notes	WB: Detects an approx. 21 kDa protein representing caveolin-3 from rat heart homogenate.



Images

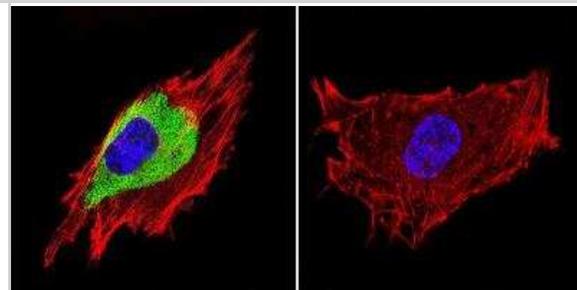
Western Blot: Caveolin-3 Antibody [NB110-5029] - Analysis of rat cardiac muscle protein extract.

Fig. 1

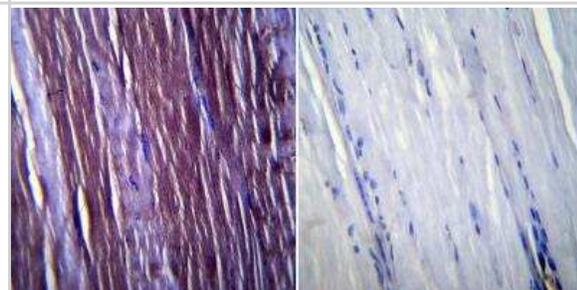
38 kDa-
25 kDa-
20 kDa-
14 kDa-



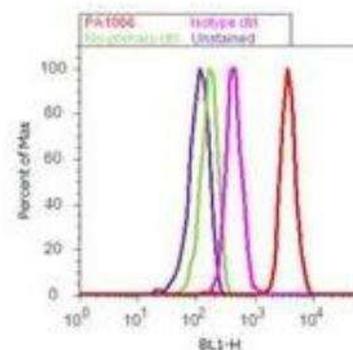
Immunocytochemistry/Immunofluorescence: Caveolin-3 Antibody [NB110-5029] - C2C11 cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a Caveolin 3 polyclonal antibody at a dilution of 1:20 overnight at 4 C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody and nuclei with DAPI (blue) is shown.



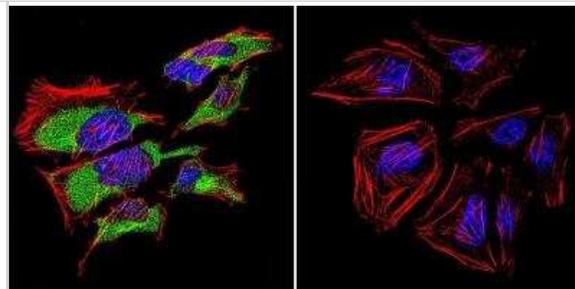
Immunohistochemistry-Paraffin: Caveolin-3 Antibody [NB110-5029] - Normal biopsies of deparaffinized Mouse skeletal muscle tissue.



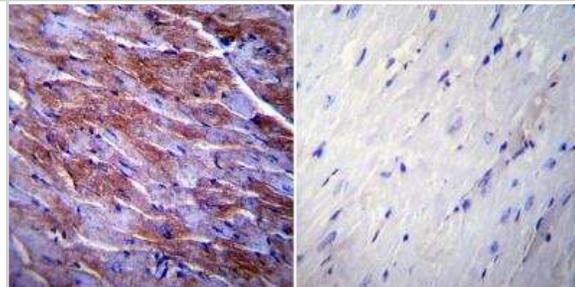
Flow Cytometry: Caveolin-3 Antibody [NB110-5029] - Analysis of U-87 MG cells.



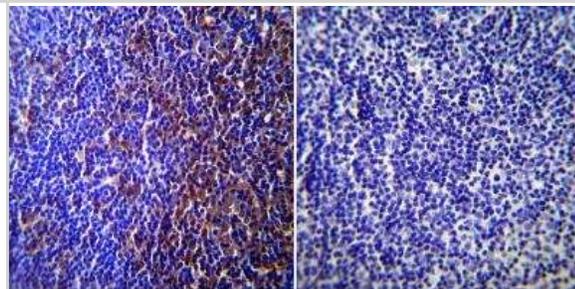
Immunocytochemistry/Immunofluorescence: Caveolin-3 Antibody [NB110-5029] - HeLa cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a polyclonal anti-Caveolin 3 antibody (cat# NB110-5029) at a dilution of 1:20 overnight at 4 degrees Celsius, washed with PBS and incubated with a DyLight488 conjugated secondary antibody. Caveolin 3 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue).



Immunohistochemistry-Paraffin: Caveolin-3 Antibody [NB110-5029] - Normal biopsies of deparaffinized Mouse heart tissue.



Immunohistochemistry-Paraffin: Caveolin-3 Antibody [NB110-5029] - Normal biopsies of deparaffinized Mouse lymph node tissue.



Publications

Yis U, Diniz G, Hazan F et al. Childhood onset limb-girdle muscular dystrophies in the Aegean part of Turkey Acta Myol. 2018-08-31 [PMID: 30838351] (IHC-P, Human)

Diniz G, Eryasar G, Ture S et al. A regional panorama of dysferlinopathies. Turk Patoloji Derg 2012-01-01 [PMID: 23011829]



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Products Related to NB110-5029

NBL1-08732	Caveolin-3 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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