

Product Datasheet

Caveolin-3 Antibody NBP1-28917

Unit Size: 0.1 mg

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

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technical@novusbio.com

Publications: 2

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NBP1-28917**Caveolin-3 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat Caveolin-3 Antibody (NBP1-28917) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-Caveolin-3 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	859
Gene Symbol	CAV3
Species	Human, Mouse, Rat, Porcine
Marker	Muscle Specific Caveolae Marker, T-tubule Marker
Specificity/Sensitivity	Reported variants represent identical protein (NP_001225.1; NP_203123.1).
Immunogen	Peptide with sequence EHTDLEAQIVKDIH-C corresponding to N-Terminus according to NP_203123.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunohistochemistry 3 - 5 ug/mL, Immunohistochemistry-Paraffin 3 - 5 ug/mL, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Approx. 23 kDa band observed in human, mouse and rat heart lysates and 20 kDa band in porcine heart and skeletal muscle lysates (calculated MW of 17.3 kDa band according to NP_203123.1). IHC-P: Human skeletal muscle shows peripheral staining of fibres.

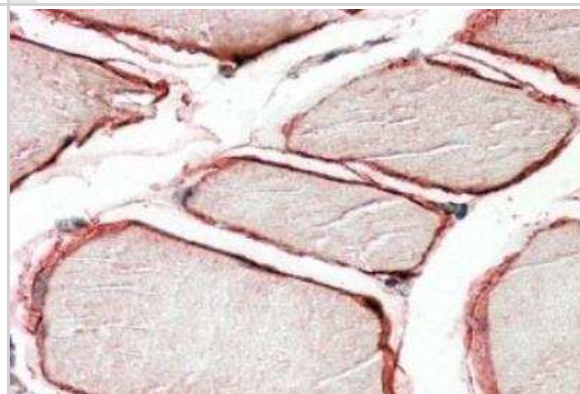


Images

Western Blot: Caveolin-3 Antibody [NBP1-28917] - Caveolin 3 in human heart lysate (35 ug protein in RIPA buffer) using this antibody at 0.3 ug/mL. Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

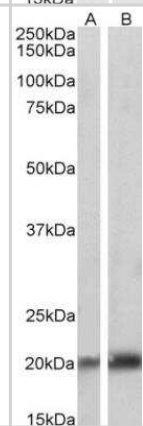
Immunohistochemistry-Paraffin: Caveolin-3 Antibody [NBP1-28917] - Staining of human skeletal muscle with primary antibody at 3.8 ug/mL. Antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Caveolin-3 Antibody [NBP1-28917] - Mouse (A) and Rat (B) heart lysates (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.



Western Blot: Caveolin-3 Antibody [NBP1-28917] - Pig skeletal muscle (A) and heart (B) lysates (35 ug protein in RIPA buffer). Antibody at 0.1 ug/mL. Detected by chemiluminescence.



Publications

Long AM, Kwon JM, Lee G et Al. The extracellular matrix differentially directs myoblast motility and differentiation in distinct forms of muscular dystrophy: Dystrophic matrices alter myoblast motility Matrix Biol 2024-05-12 [PMID: 38582404]

Fine SW, Lisanti MP, Argani P, Li M. Caveolin-3 is a sensitive and specific marker for rhabdomyosarcoma. Appl Immunohistochem Mol Morphol 2005-09-01 [PMID: 16082247]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-28917

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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