

Product Datasheet

Carbonic Anhydrase III/CA3 Antibody - BSA Free NBP1-88227

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-88227

Carbonic Anhydrase III/CA3 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

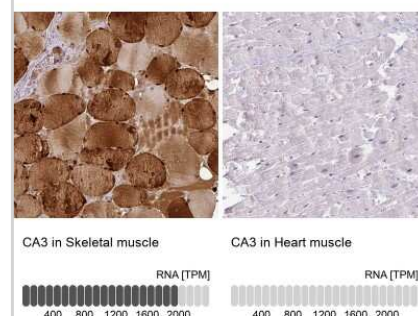
Description	Novus Biologicals Rabbit Carbonic Anhydrase III/CA3 Antibody - BSA Free (NBP1-88227) is a polyclonal antibody validated for use in IHC and WB. Anti-Carbonic Anhydrase III/CA3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	761
Gene Symbol	CA3
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24743550)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: YWTYQGSFTTPPCEEIVWLLKPEMTVSSDQMAKLRSLLSSAENEPPVPLVS NWRPPQPINNRVVRASFK

Product Application Details

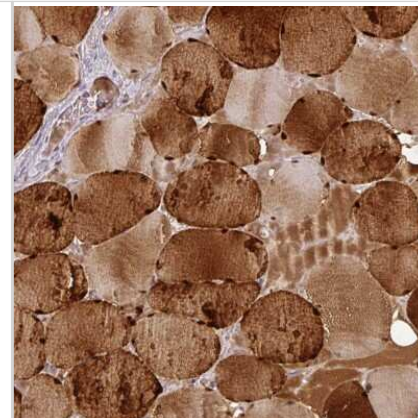
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

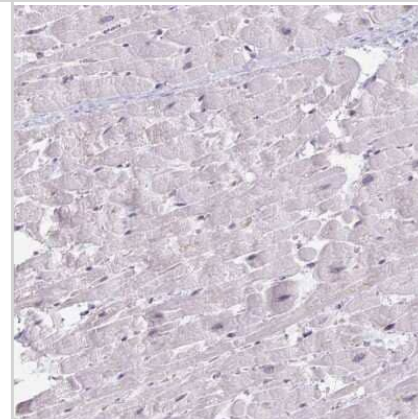
Immunohistochemistry-Paraffin: Carbonic Anhydrase III/CA3 Antibody [NBP1-88227] - Staining in human skeletal muscle and heart muscle tissues using anti-CA3 antibody. Corresponding CA3 RNA-seq data are presented for the same tissues.



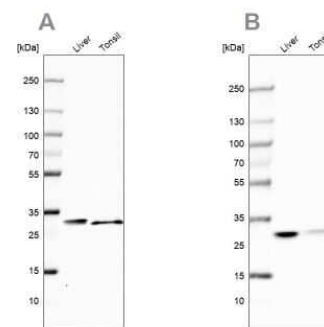
Immunohistochemistry-Paraffin: Carbonic Anhydrase III/CA3 Antibody [NBP1-88227] - Staining of human skeletal muscle shows high expression.



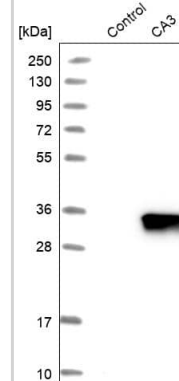
Immunohistochemistry-Paraffin: Carbonic Anhydrase III/CA3 Antibody [NBP1-88227] - Staining of human heart muscle shows low expression as expected.



Western Blot: Carbonic Anhydrase III/CA3 Antibody [NBP1-88227] - Analysis using Anti-CA3 antibody NBP1-88227 (A) shows similar pattern to independent antibody NBP1-88228 (B).



Analysis in control (vector only transfected HEK293T lysate) and CA3 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells).



Publications

Bachmann J, Burte F, Pramana S et al. Affinity Proteomics Reveals Elevated Muscle Proteins in Plasma of Children with Cerebral Malaria. PLoS Pathog 2014-04-01 [PMID: 24743550]



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 NBP1-88227

NBP1-88227PEP	Carbonic Anhydrase III/CA3 Recombinant Protein Antigen
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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