

Product Datasheet

Aconitase 2 Antibody NBP1-52015

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-52015

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-52015



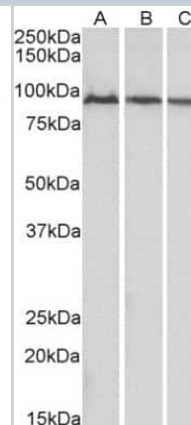
NBP1-52015

Aconitase 2 Antibody

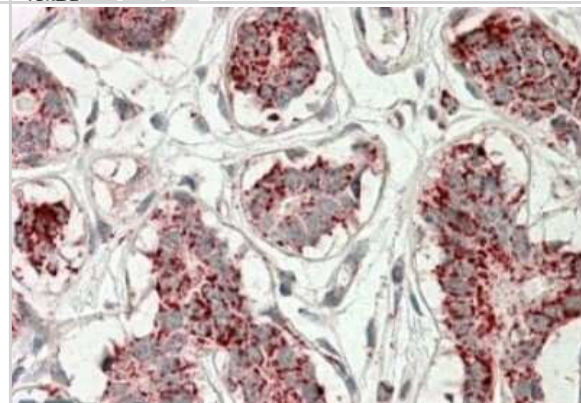
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	50
Gene Symbol	ACO2
Species	Human, Mouse, Rat, Porcine
Immunogen	Peptide with sequence C-QDTYQHPPKDSSGQH corresponding to internal region according to NP_001089.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/ml, Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 90 kDa band observed in human heart lysates, in human, mouse and rat adipose lysates and in mouse, rat and porcine skeletal muscle lysates (calculated MW of 85.4 kDa band according to NP_001089.1). IHC-P: Human breast shows mitochondrial staining in the epithelial cells of the ducts.

Images

Western Blot: Aconitase 2 Antibody [NBP1-52015] - Analysis of Mouse (A), Rat (B) and Pig (C) Skeletal Muscle lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



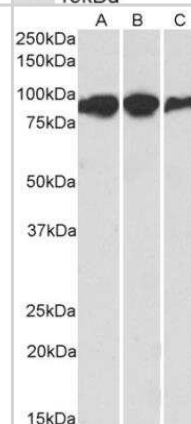
Immunohistochemistry-Paraffin: Aconitase 2 Antibody [NBP1-52015] - (3.8ug/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot: Aconitase 2 Antibody [NBP1-52015] - Analysis of Aconitase 2 (aa541-555) in Heart lysate (35ug protein in RIPA buffer) using this antibody at 0.01ug/ml. Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: Aconitase 2 Antibody [NBP1-52015] - Analysis of Human (A), Mouse (B) and Rat (C) Adipose lysates (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Bota DA, Davies KJ. Lon protease preferentially degrades oxidized mitochondrial aconitase by an ATP-stimulated mechanism. *Nat Cell Biol* 2002-09-01 [PMID: 12198491]



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 NBP1-52015

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
H00000050-P01-10ug	Recombinant Human Aconitase 2 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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-52015

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications



