

Product Datasheet

ATP Citrate Lyase Antibody - BSA Free NBP1-90268

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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Updated 2/21/2025 v.20.1

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NBP1-90268

ATP Citrate Lyase Antibody - BSA Free

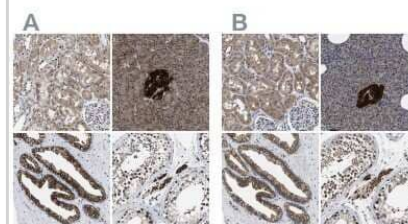
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	121 kDa

Product Description	
Host	Rabbit
Gene ID	47
Gene Symbol	ACLY
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AEEFYVCIYATREGDYVLFHHEGGVDVGDVDAKAQKLLVGVDEKLNPEIDIKKH LLVHAPEDKKELASFISGLFNFYEDLYFTYLEINPLVVTKDGV

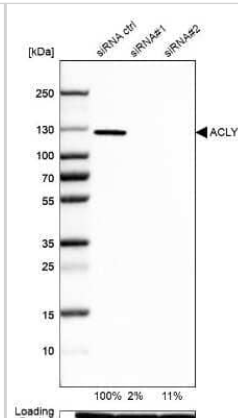
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: PFA/Triton X-100

Images

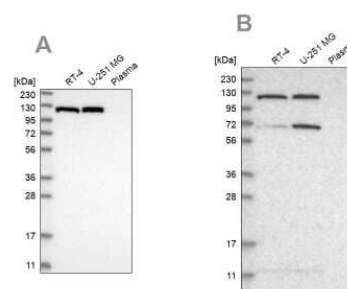
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human kidney, pancreas, prostate and testis using Anti-ACLY antibody NBP1-90268 (A) shows similar protein distribution across tissues to independent antibody NBP1-90267 (B).



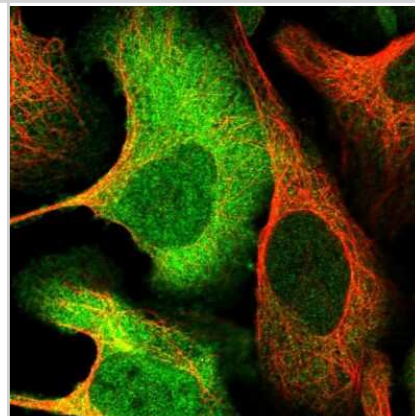
Western Blot: ATP Citrate Lyase Antibody [NBP1-90268] - Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ACLY antibody. Remaining relative intensity is presented. Loading control: Anti-GAPDH.



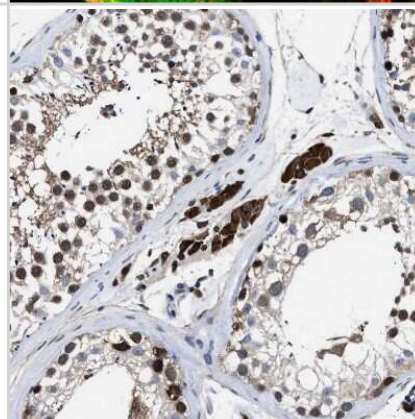
Western Blot: ATP Citrate Lyase Antibody [NBP1-90268] - Analysis using Anti-ACLY antibody NBP1-90268 (A) shows similar pattern to independent antibody NBP1-90267 (B).



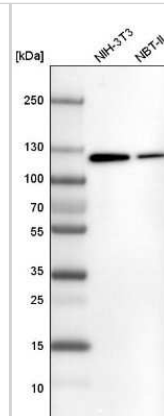
Immunocytochemistry/Immunofluorescence: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human cell line U-2 OS shows localization to nucleoplasm, plasma membrane & cytosol.



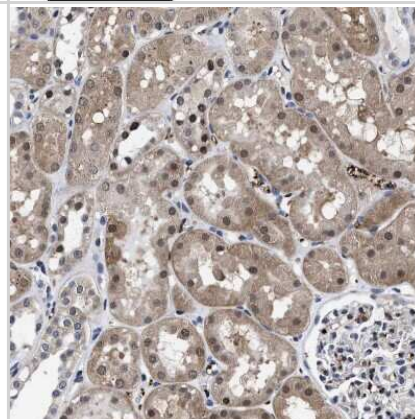
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



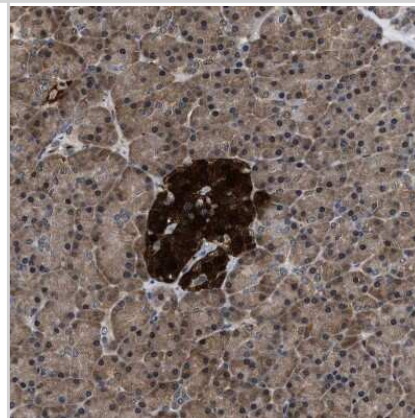
Western Blot: ATP Citrate Lyase Antibody [NBP1-90268] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



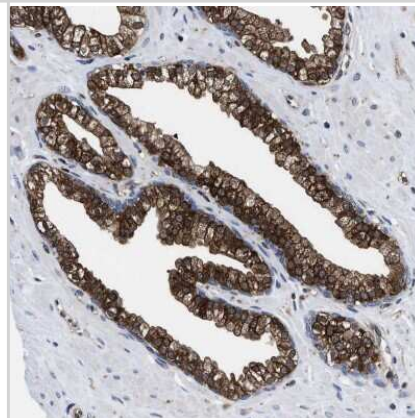
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human pancreas shows strong cytoplasmic positivity in islets of Langerhans.



Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.





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 NBP1-90268

NBP1-90268PEP	ATP Citrate Lyase 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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