

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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NBP1-90268**ATP Citrate Lyase Antibody - BSA Free**

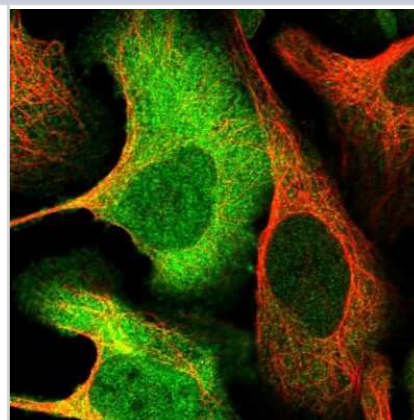
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit ATP Citrate Lyase Antibody - BSA Free (NBP1-90268) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	47
Gene Symbol	ACLY
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AEEFYVCIYATREGDYVLFHHEGGVDVGDVDAKAQKLLVGVDEKLNPEDIKKH LLVHAPEDKKEILASFISGLFNFYEDLYFTYLEINPLVVTKDGV

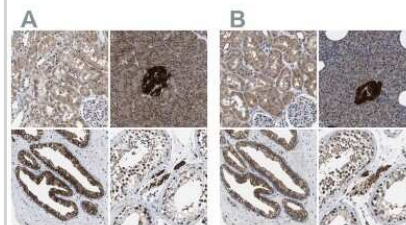
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 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

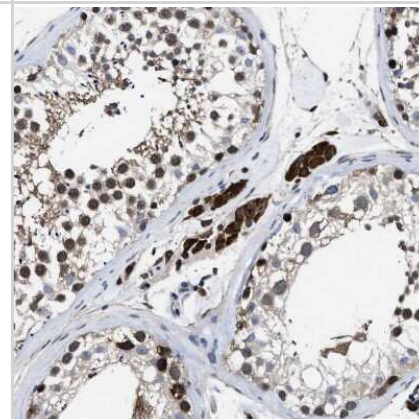
Immunocytochemistry/Immunofluorescence: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human cell line U-2 OS shows localization to nucleoplasm, plasma membrane & cytosol.



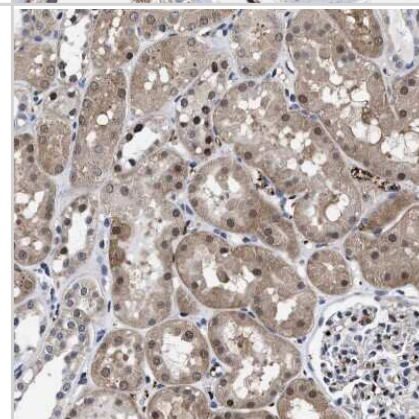
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human kidney, pancreas, prostate and testis using Anti-ACLY antibody NBP1-90268 (A) shows similar protein distribution across tissues to independent antibody NBP1-90267 (B).



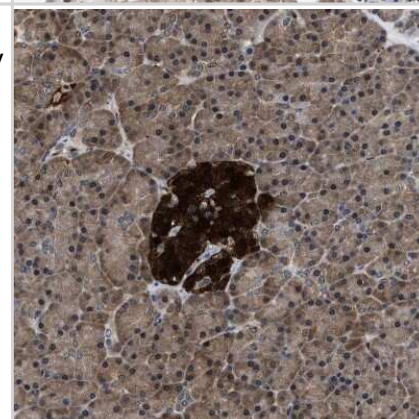
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human testis shows strong cytoplasmic positivity in Leydig cells.



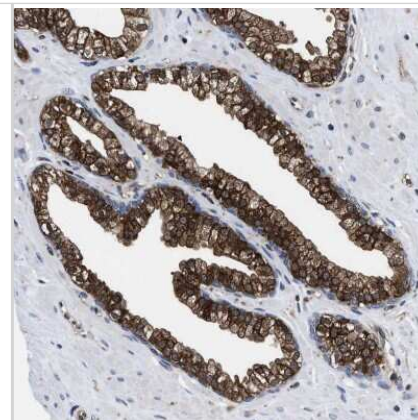
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



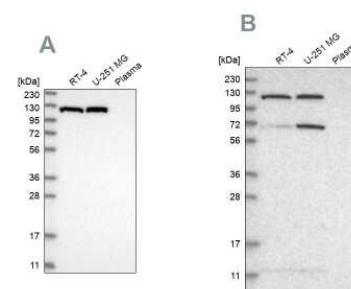
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human pancreas shows strong cytoplasmic positivity in islets of Langerhans.



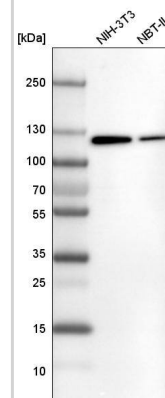
Immunohistochemistry-Paraffin: ATP Citrate Lyase Antibody [NBP1-90268] - Staining of human prostate shows strong cytoplasmic positivity in glandular cells.



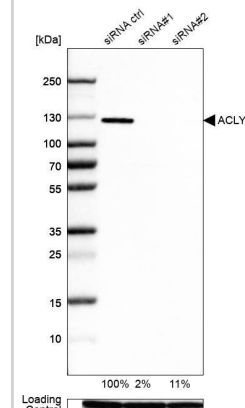
Western Blot: ATP Citrate Lyase Antibody [NBP1-90268] - Analysis using Anti-ACLY antibody NBP1-90268 (A) shows similar pattern to independent antibody NBP1-90267 (B).



Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



Analysis in A-549 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-GAPDH.





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Products Related to NBP1-90268

NBP1-90268PEP	ATP Citrate Lyase Recombinant Protein Antigen
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.

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

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