

# Product Datasheet

## ATP Citrate Lyase Antibody (8A0V0) NBP3-16261-100ul

Unit Size: 100 ul

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

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Updated 2/25/2026 v.20.1

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**NBP3-16261-100ul****ATP Citrate Lyase Antibody (8A0V0)**

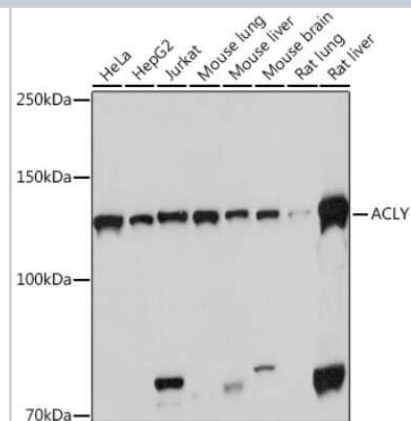
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	8A0V0
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol, 0.05% BSA
<b>Target Molecular Weight</b>	121 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit ATP Citrate Lyase Antibody (8A0V0) (NBP3-16261) is a recombinant monoclonal antibody validated for use in WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	47
<b>Gene Symbol</b>	ACLY
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	A synthetic peptide corresponding to a sequence within amino acids 1000-1101 of human ATP Citrate Lyase (P53396). ATPLLDYALEVEKITTSKKPNLILNVDGLIGVAFVDMLRNCGSFTREEADEYIDIG ALNGIFVLGRSMGFIGHYLDQKRLKQGLYRHPWDDISYVLPEHMSM

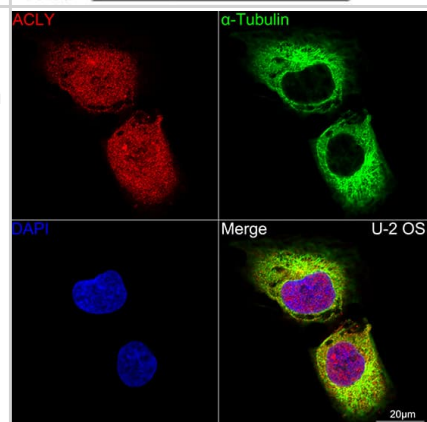
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:6000 - 1:20000, ELISA Recommended starting concentration is 1 µg/mL. , Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunoprecipitation 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells.

## Images

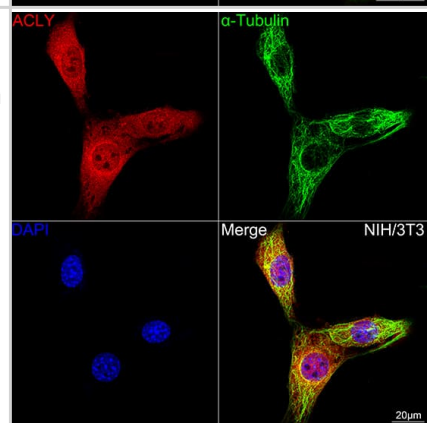
**Western Blot: ATP Citrate Lyase Antibody (8A0V0) [NBP3-16261] -** Western blot analysis of extracts of various cell lines, using ATP Citrate Lyase Rabbit mAb (NBP3-16261) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



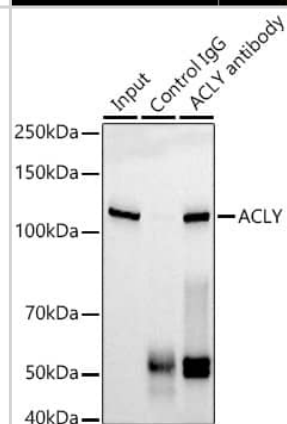
**Immunocytochemistry/ Immunofluorescence: ATP Citrate Lyase Antibody (8A0V0) [NBP3-16261] -** Confocal imaging of U-2 OS cells using ATP Citrate Lyase Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



**Immunocytochemistry/ Immunofluorescence: ATP Citrate Lyase Antibody (8A0V0) [NBP3-16261] -** Confocal imaging of NIH/3T3 cells using ATP Citrate Lyase Rabbit mAb. The cells were counterstained with alpha-Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



**Immunoprecipitation: ATP Citrate Lyase Antibody (8A0V0) [NBP3-16261] -** Immunoprecipitation analysis of 300 ug extracts from HepG2 cells using 3 ug ATP Citrate Lyase antibody. Western blot was performed from the immunoprecipitate using ATP Citrate Lyase antibody at a dilution of 1:1000.





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### **Products Related to NBP3-16261-100ul**

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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

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### **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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