

# Product Datasheet

## ATP Citrate Lyase Antibody (3A5) NBP3-26530-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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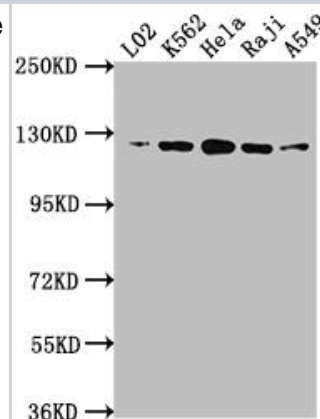
**NBP3-26530-100ul****ATP Citrate Lyase Antibody (3A5)**

<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 -20 to -70C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3A5
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	47
<b>Gene Symbol</b>	ACLY
<b>Species</b>	Human
<b>Immunogen</b>	A synthesized peptide derived from Human ATP Citrate Lyase [UniProt P53396]
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, Flow Cytometry 1:20-1:200, ELISA, Immunocytochemistry/ Immunofluorescence 1:20-1:200

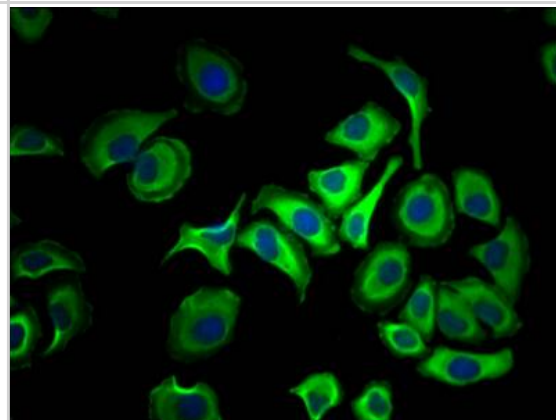


## Images

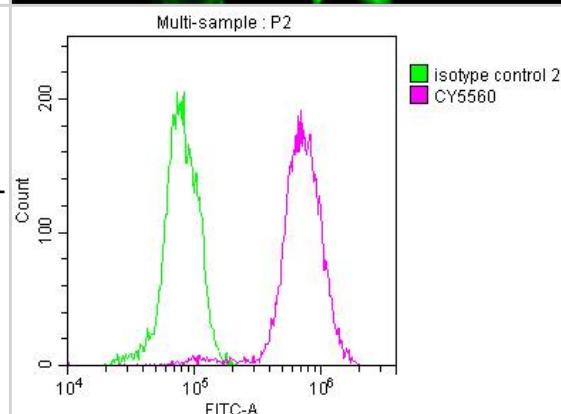
Western Blot: ATP Citrate Lyase Antibody (3A5) [NBP3-26530] - Positive Western Blot detected in: L02 whole cell lysate, K562 whole cell lysate, HeLa whole cell lysate, Raji whole cell lysate, A549 whole cell lysate.  
All lanes: ATP Citrate Lyase Antibody at 1: 1500  
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.  
Predicted band size: 121, 120, 92 kDa  
Observed band size: 120 kDa



Immunocytochemistry/Immunofluorescence: ATP Citrate Lyase Antibody (3A5) [NBP3-26530] - Staining of HepG2 Cells with ATP Citrate Lyase Antibody (3A5) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% Triton X-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated Goat Anti-Rabbit IgG (H+L).



Flow Cytometry: ATP Citrate Lyase Antibody (3A5) [NBP3-26530] - Overlay histogram showing HeLa cells stained with ATP Citrate Lyase Antibody (3A5) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*10<sup>6</sup> cells) for 1 h at 4C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4C. Control antibody (green line) was Rabbit IgG (1ug/1\*10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.





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### **Products Related to NBP3-26530-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-90269PEP	ATP Citrate Lyase Recombinant Protein Antigen

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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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