

# Product Datasheet

## Acetyl-CoA Carboxylase alpha/ACACA Antibody - BSA Free NBP2-55439

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
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Updated 2/23/2025 v.20.1

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**NBP2-55439**

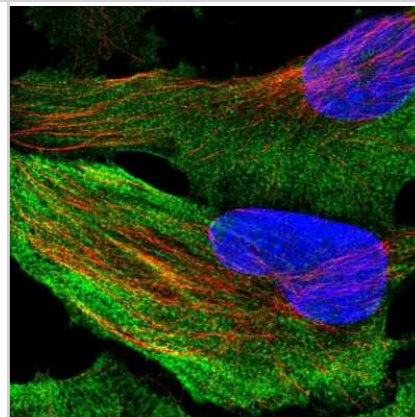
Acetyl-CoA Carboxylase alpha/ACACA Antibody - BSA Free

Product Information	
Unit Size	100 ul
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
Product Description	
Host	Rabbit
Gene ID	31
Gene Symbol	ACACA
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: MDEPSPLAQPLELNQHSRFIGSVSEDNSEDEISNLVKLDLLEEKEGSLSPASVG SDTLSDL
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml
Application Notes	ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

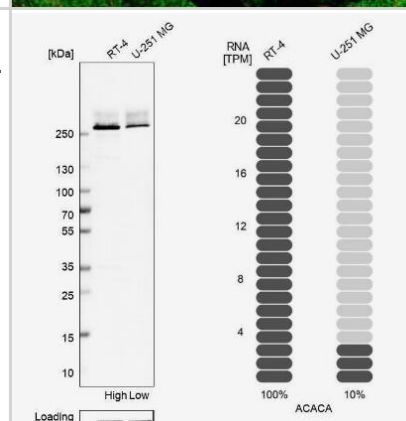


## Images

Immunocytochemistry/Immunofluorescence: Acetyl-CoA Carboxylase alpha/ACACA Antibody [NBP2-55439] - Staining of human cell line U-251 MG shows localization to nucleoli fibrillar center, cytosol & actin filaments. Antibody staining is shown in green.



Western Blot: Acetyl-CoA Carboxylase alpha/ACACA Antibody [NBP2-55439] - Analysis in human cell line RT-4 and human cell line U-251 MG.



## Publications

Kim W, Li M, Jin H et al. Characterization of an in vitro steatosis model simulating activated de novo lipogenesis in MAFLD patients iScience 2023-10-20 [PMID: 37674987] (WB, Human)



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### **Products Related to NBP2-55439**

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NBP2-55439PEP	Acetyl-CoA Carboxylase alpha/ACACA 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

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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