

# Product Datasheet

## ACADSB Antibody - BSA Free NBP2-48739

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

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Updated 10/28/2025 v.20.1

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**NBP2-48739**

ACADSB Antibody - BSA Free

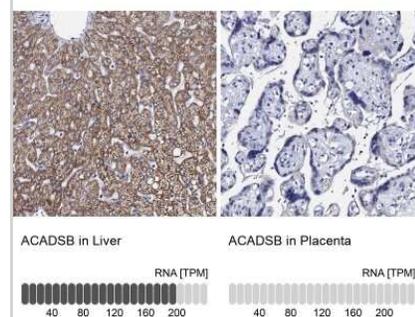
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit ACADSB Antibody - BSA Free (NBP2-48739) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ACADSB Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	36
Gene Symbol	ACADSB
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: EASMAKYYASEIAGQTTSKCIEWMGGVGYTKDYPVEKYFRDAKIGTIYEGASNI QLNTIAKHIDAE

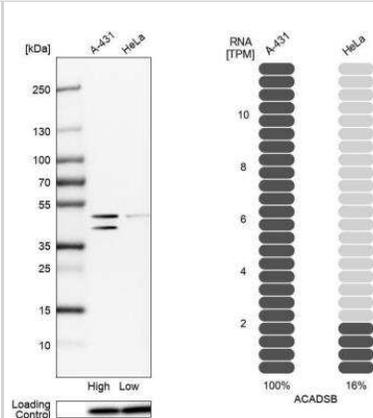
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

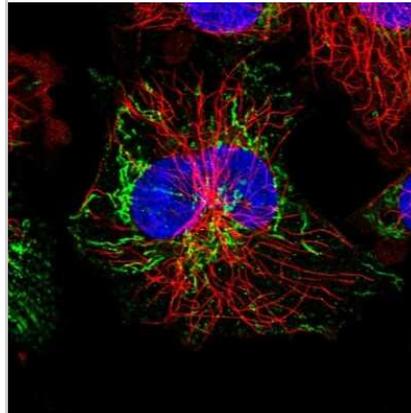
Immunohistochemistry-Paraffin: ACADSB Antibody [NBP2-48739] - Staining in human liver and placenta tissues using anti-ACADSB antibody. Corresponding ACADSB RNA-seq data are presented for the same tissues.



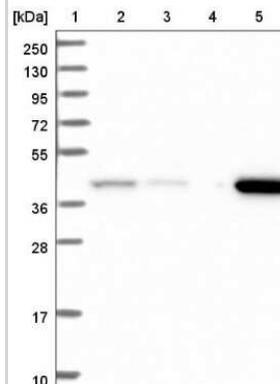
Western Blot: ACADSB Antibody [NBP2-48739] - Analysis in human cell lines A-431 and HeLa. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.



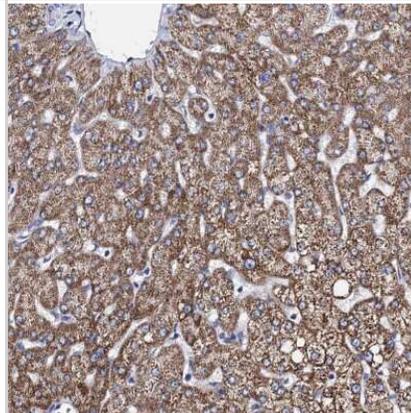
Immunocytochemistry/Immunofluorescence: ACADSB Antibody [NBP2-48739] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



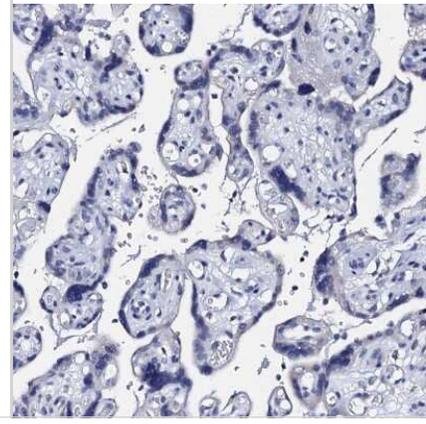
Western Blot: ACADSB Antibody [NBP2-48739] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10  
 Lane 2: Human cell line RT-4  
 Lane 3: Human cell line U-251MG sp  
 Lane 4: Human plasma (IgG/HSA depleted)  
 Lane 5: Human liver tissue



Immunohistochemistry-Paraffin: ACADSB Antibody [NBP2-48739] - Staining of human liver shows high expression.



Immunohistochemistry-Paraffin: ACADSB Antibody [NBP2-48739] - Staining of human placenta shows low expression as expected.



## Publications

Sadler DG, Treas L, Ross T et al. Parental cardiorespiratory fitness influences early life energetics and metabolic health *Physiological genomics* 2023-11-27 [PMID: 38009224]



### **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 NBP2-48739**

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NBP2-48739PEP	ACADSB 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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