

# Product Datasheet

## ABAT Antibody - BSA Free NBP1-83401

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)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP1-83401](http://www.novusbio.com/NBP1-83401)

Updated 12/2/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP1-83401](http://www.novusbio.com/reviews/destination/NBP1-83401)



**NBP1-83401**

ABAT Antibody - BSA Free

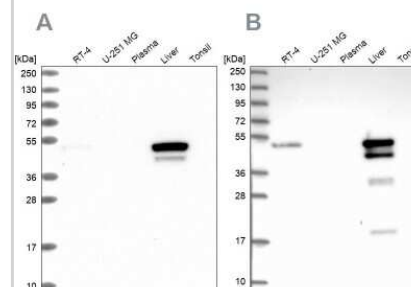
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	56 kDa

Product Description	
Description	Novus Biologicals Rabbit ABAT Antibody - BSA Free (NBP1-83401) is a polyclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	18
Gene Symbol	ABAT
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LSVAPKGMSQLITMACGSCSNENALKTIFMWYRSKERGQQRGFSQEELETMIN QAPGCPDYSLFSFMGAFHGRMTMGLATTHSKAIHKI

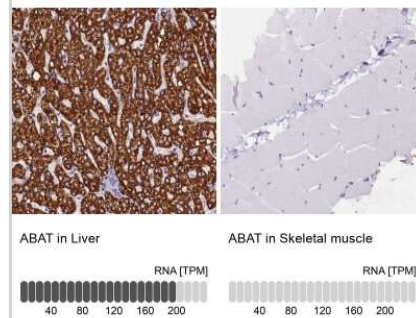
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

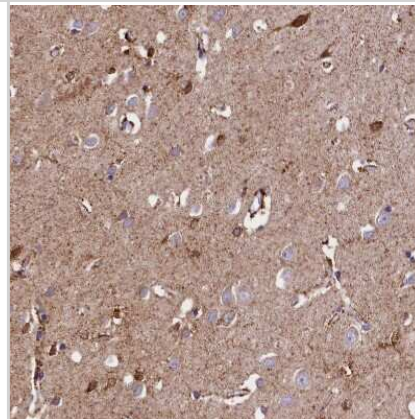
Western Blot: ABAT Antibody [NBP1-83401] - Analysis using Anti-ABAT antibody NBP1-83401 (A) shows similar pattern to independent antibody NBP1-83400 (B).



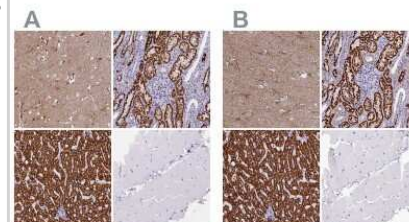
Immunohistochemistry-Paraffin: ABAT Antibody [NBP1-83401] - Analysis in human liver and skeletal muscle tissues using NBP1-83401 antibody. Corresponding ABAT RNA-seq data are presented for the same tissues.



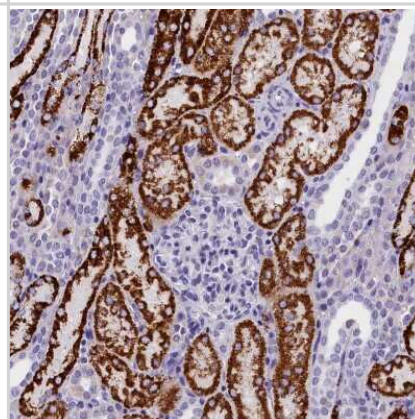
Immunohistochemistry-Paraffin: ABAT Antibody [NBP1-83401] - Staining of human cerebral cortex shows moderate positivity in neuropil.



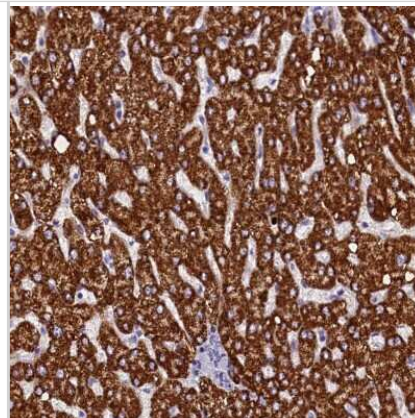
Immunohistochemistry-Paraffin: ABAT Antibody [NBP1-83401] - Staining of human cerebral cortex, kidney, liver and skeletal muscle using Anti-ABAT antibody NBP1-83401 (A) shows similar protein distribution across tissues to independent antibody NBP1-83400 (B).



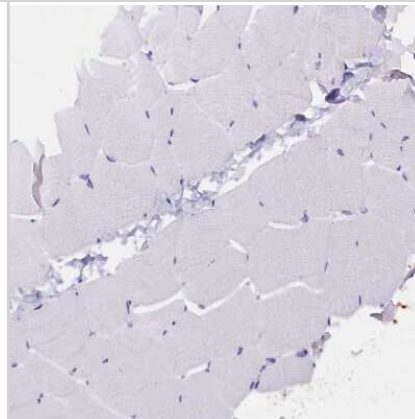
Immunohistochemistry-Paraffin: ABAT Antibody [NBP1-83401] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: ABAT Antibody [NBP1-83401] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: ABAT Antibody [NBP1-83401] - Staining of human skeletal muscle shows no positivity in myocytes as expected.





### **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 NBP1-83401**

---

NBP1-83401PEP	ABAT 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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP1-83401](http://www.novusbio.com/reviews/submit/NBP1-83401)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

