

# Product Datasheet

## ABAT Antibody - BSA Free NBP2-21598

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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### Publications: 1

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Updated 11/11/2025 v.20.1

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**NBP2-21598**

ABAT Antibody - BSA Free

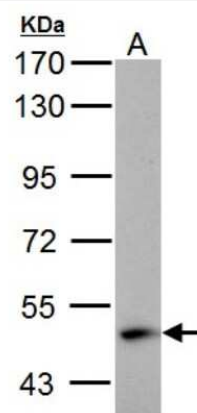
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	56 kDa

Product Description	
Description	Novus Biologicals Rabbit ABAT Antibody - BSA Free (NBP2-21598) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-ABAT Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	18
Gene Symbol	ABAT
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human ABAT. The exact sequence is proprietary.

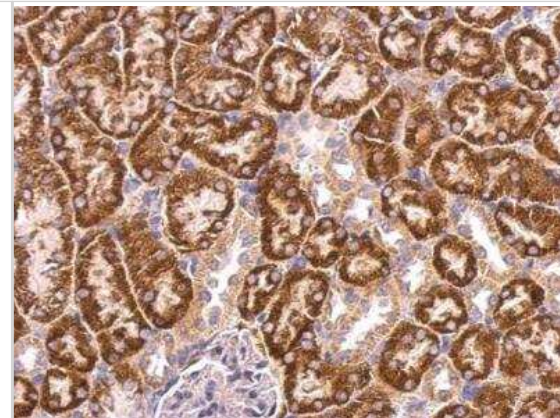
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000

**Images**

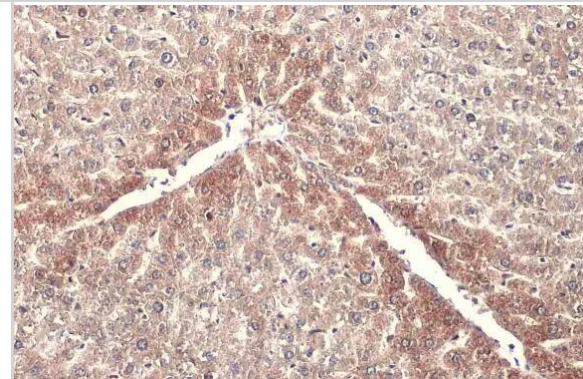
Western Blot: ABAT Antibody [NBP2-21598] - 30 ug SK-N-SH whole cell lysate/extract 7.5 % SDS-PAGE ABAT antibody dilution: 1:1000.



Immunohistochemistry-Paraffin: ABAT Antibody [NBP2-21598] - Mouse kidney. ABAT antibody dilution: 1:500.



Immunohistochemistry-Paraffin: ABAT Antibody [NBP2-21598] - ABAT antibody detects ABAT protein at mitochondria by immunohistochemical analysis. Sample: Paraffin-embedded mouse liver. ABAT stained by ABAT antibody (NBP2-21598) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



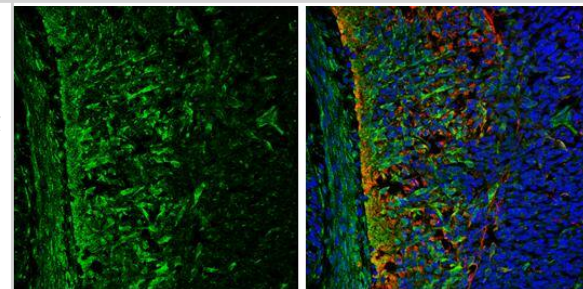
ABAT antibody detects ABAT protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Green: ABAT protein stained by ABAT antibody (NBP2-21598) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] diluted at 1:500.

Blue: Fluoroshield with DAPI .



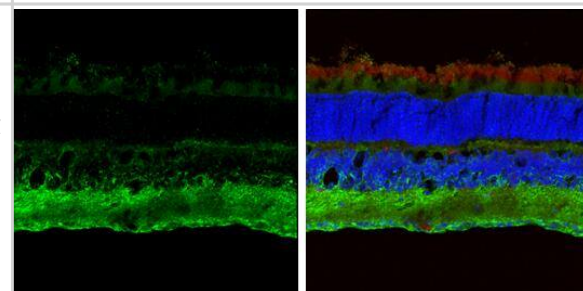
ABAT antibody detects ABAT protein expression by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

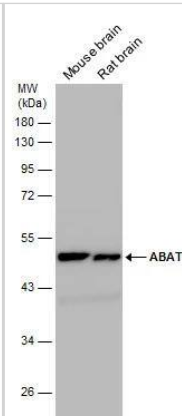
Green: ABAT protein stained by ABAT antibody (NBP2-21598) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] diluted at 1:250.

Blue: Fluoroshield with DAPI .



Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ABAT antibody (NBP2-21598) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

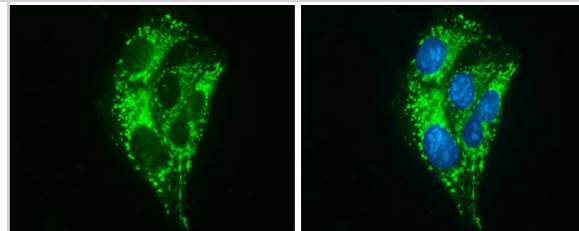


ABAT antibody detects ABAT protein at mitochondria by immunofluorescent analysis.

Sample: HepG2 cells were fixed in ice-cold MeOH for 5 min.

Green: ABAT protein stained by ABAT antibody (NBP2-21598) diluted at 1:500.

Blue: Hoechst 33342 staining.

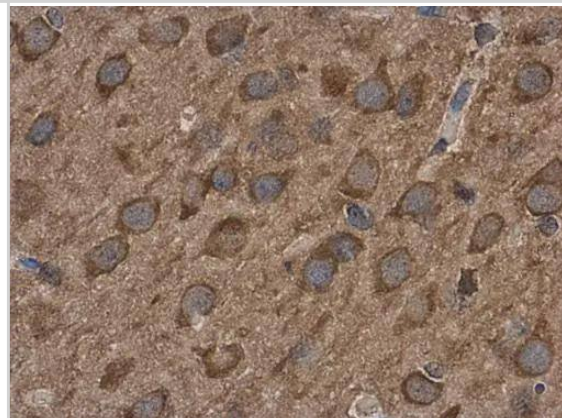


ABAT antibody detects ABAT protein at cytoplasm in rat brain by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

ABAT antibody (NBP2-21598) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



## Publications

Martirosian V, Deshpande K, Zhou H et al. Medulloblastoma uses GABA transaminase to survive in the cerebrospinal fluid microenvironment and promote leptomeningeal dissemination Cell reports 2021-06-29 [PMID: 34192534]



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### **Products Related to NBP2-21598**

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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.

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

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