

Product Datasheet

ABAT Antibody NBP2-21598

Unit Size: 0.1 ml

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

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Publications: 1

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NBP2-21598

ABAT Antibody

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 (pH 7), 20% Glycerol
Target Molecular Weight	56 kDa

Product Description

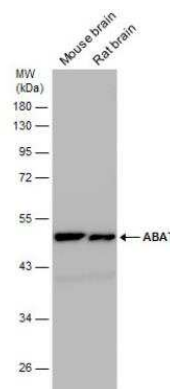
Host	Rabbit
Gene ID	18
Gene Symbol	ABAT
Species	Human, Mouse, Rat
Immunogen	Recombinant protein encompassing a sequence within the center region of human ABAT. The exact sequence is proprietary.

Product Application Details

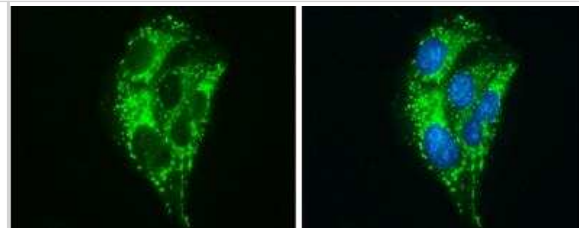
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin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

Images

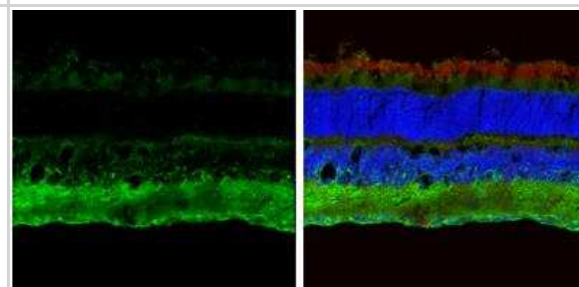
Western Blot: ABAT Antibody [NBP2-21598] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with ABAT antibody diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



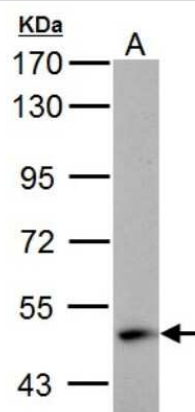
Immunocytochemistry/Immunofluorescence: ABAT Antibody [NBP2-21598] - HepG2 cells were fixed in ice-cold MeOH for 5 min. Green: ABAT protein stained by ABAT antibody diluted at 1:500. Blue: Hoechst 33342 staining.



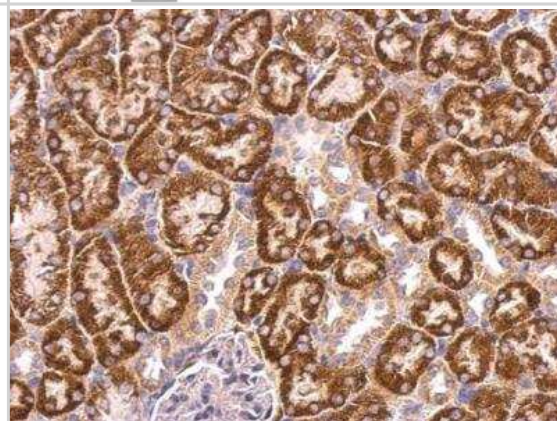
Immunohistochemistry-Frozen: ABAT Antibody [NBP2-21598] - Frozen sectioned adult mouse retina. Green: ABAT protein stained by ABAT antibody diluted at 1:250. Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [11710] (NBP2-43559) diluted at 1:250. Blue: Fluoroshield with DAPI.



Western Blot: ABAT Antibody [NBP2-21598] - 30 ug SK-N-SH whole cell lysate/extract 7. 5 % SDS-PAGE ABAT antibody dilution: 1:1000.



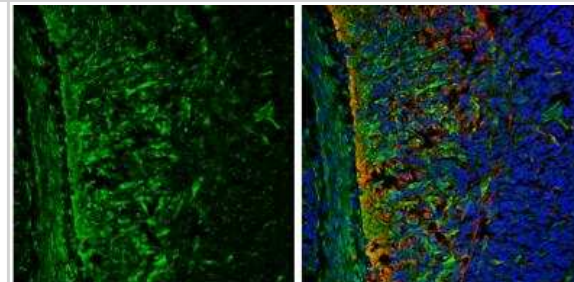
Immunohistochemistry-Paraffin: ABAT Antibody [NBP2-21598] - Mouse kidney. ABAT antibody dilution: 1:500.



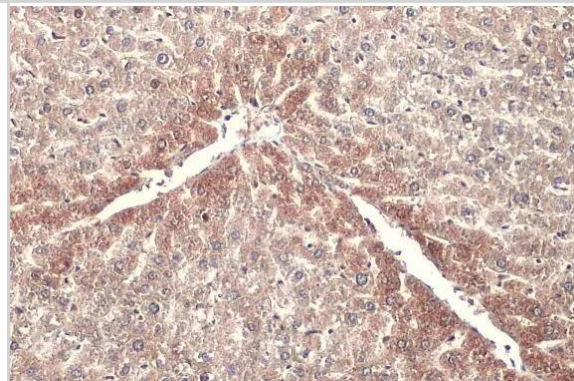
Immunohistochemistry-Paraffin: ABAT Antibody [NBP2-21598] - Rat brain. ABAT antibody diluted at 1:500.



Immunohistochemistry-Frozen: ABAT Antibody [NBP2-21598] - Frozen sectioned E13.5 Rat brain. Green: ABAT protein stained by ABAT antibody diluted at 1:250. Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [11710] (NBP2-43559) diluted at 1:500. Blue: Fluoroshield with DAPI.



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



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]



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 NBP2-21598

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-83401PEP	ABAT Recombinant Protein Antigen

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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