

Product Datasheet

MBOAT2 Antibody - BSA Free NBP2-83185-0.1ml

Unit Size: 0.1ml

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

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NBP2-83185-0.1ml

MBOAT2 Antibody - BSA Free

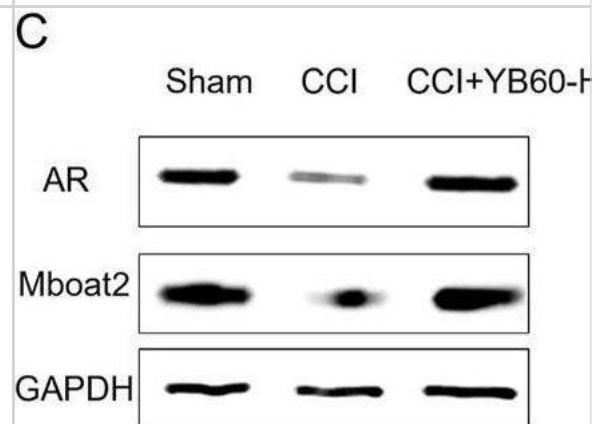
Product Information	
Unit Size	0.1ml
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Product Description	
Description	Novus Biologicals Rabbit MBOAT2 Antibody - BSA Free (NBP2-83185) is a polyclonal antibody validated for use in WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	129642
Gene Symbol	MBOAT2
Species	Rat
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of Rat MBOAT2. Peptide sequence: GMFRKDEELTPSQRGLAVRRMPSLLEYVSYTCNFMGILAGPLCSYKDYIA The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1.0 ug/ml

Images

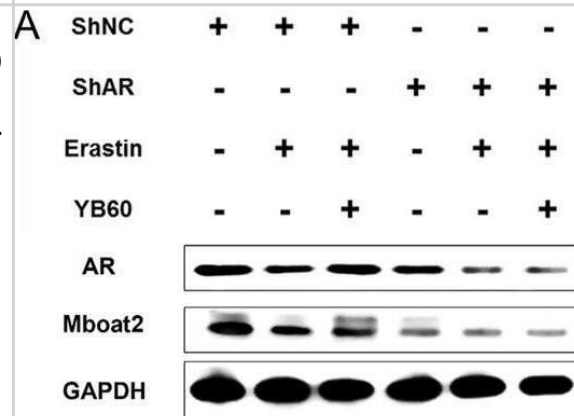
Western Blot: MBOAT2 Antibody [NBP2-83185] - Host: Rabbit. Target Name: Mboat2. Sample Type: Rat Thymus lysates. Antibody Dilution: 1.0ug/ml



YB60 modulates ferroptosis and the AR/Mboat2 axis in Spinal Cord Neurons. (A) Fluorescence double-label staining of AR (green) and c-Fos (red) in the Sham (a1, a4), CCI (a2, a5) and CCI + YB60-H (a3, a6) groups. DAPI (blue) staining highlights nuclei. Scale bars: 500 μ m (a1- a3); 100 μ m (a4- a6). (B) Fluorescence double-label staining of Mboat2 (green) and c-Fos (red) in the sham (b1, b4), CCI (b2, b5) and CCI + YB60-H (b3, b6) groups. DAPI (blue) staining highlights nuclei. Scale bars: 500 μ m (b1- b3); 100 μ m (b4- b6). (C) Expression levels of AR and Mboat2. (D-E) Semiquantitative analysis of AR (D) and Mboat2 (E), $n = 3$. The error bars represent the SD. $**P < 0.01$. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/40201699>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



YB60 inhibited Erastin-induced ferroptosis by regulating AR/Mboat2 in PC12 cells. (A) Expression levels of AR and Mboat2 in PC12 cells. (B-C) Semiquantitative analysis of AR (B) and Mboat2 (C), $n = 3$. D-F. Contents of iron ions (D), ROS (E) and MDA (F) in various groups, $n = 6$. (G) Viability of PC12 cells. The error bars represent the SD. $**P < 0.01$. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/40201699>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.





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 NBP2-83185-0.1ml

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]
H00129642-P01-10ug	Recombinant Human MBOAT2 GST (N-Term) Protein

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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