

Product Datasheet

FTO Antibody (AG103) - Azide and BSA Free NBP2-80051-100ug

Unit Size: 100 ug

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80051

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80051



NBP2-80051-100ug

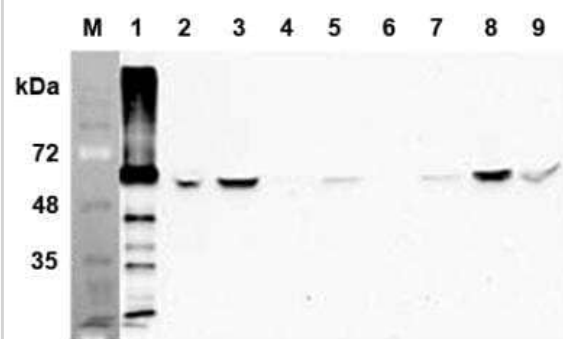
FTO Antibody (AG103) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AG103
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein G purified
Buffer	0.2 um-filtered solution in PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse FTO Antibody (AG103) - Azide and BSA Free (NBP2-80051) is a monoclonal antibody validated for use in IHC, WB, ELISA and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	79068
Gene Symbol	FTO
Species	Human
Immunogen	Recombinant human FTO.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:5000, ELISA 1:2000 - 1:5000, Immunohistochemistry 5 - 10 ug/mL, Immunoprecipitation 5 ug/mL, Immunohistochemistry-Paraffin 5 - 10 ug/mL
Application Notes	<p>Immunoprecipitation: 5 ug/ml per sample in a final reaction volume of 500-1000 ul.</p> <p>Western Blot: 1:2000-1:5000 using ECL. Suggested blocking and dilution buffer is PBST containing 0.05% Tween 20 and 5% skim milk. Suggested incubation time is 1 hour at room temperature.</p>

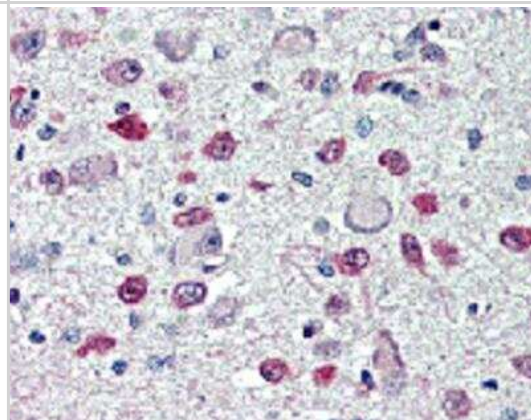


Images

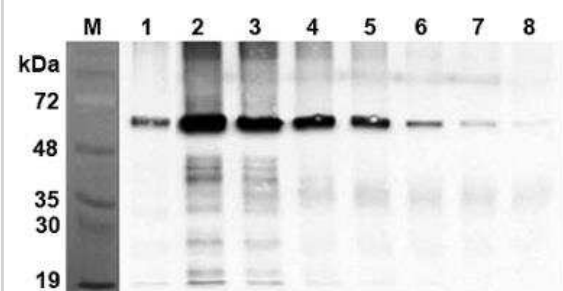
Western Blot: FTO Antibody (AG103) [NBP2-80051] - Analysis of human FTO using anti-human FTO mAb (AG103) at 1:1,000 dilution: 1. hFTO (His-tagged) 100ng. 2. HEK293T 100ug. 3. HEK293E 100ug. 4. HepG2 100ug. 5. Hep3B 50ug. 6. VIT1 80ug. 7. THP1 74ug. 8. Molt4 96ug. 9. A549 48ug



Immunohistochemistry-Paraffin: FTO Antibody (AG103) [NBP2-80051] - Immunohistochemical staining of FTO with anti-FTO (human), mAb (AG103) in brain, hypothalamus and paraventricular nucleus (5~10 ug/mL). This antibody has been tested in immunohistochemistry, analyzed by an anatomic pathologist and validated for use in IHC applications against formalin-fixed, paraffin-embedded human tissues. The image shows the localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain (40x).



Immunoprecipitation: FTO Antibody (AG103) [NBP2-80051] - Immunoprecipitation of recombinant human FTO proteins using anti-FTO (human), mAb (AG103) at different concentrations. The precipitated proteins were separated by SDS-PAGE, electroblotted, and visualized by Western blot with rabbit anti-mouse FTO pAb. 1. hFTO (His-tagged) recombinant control 100ng. 2. hFTO (His-tagged) 5ug. 3. hFTO (His-tagged) 2.5ug. 4. hFTO (His-tagged) 1.25ug. 5. hFTO (His-tagged) 0.625ug. 6. hFTO (His-tagged) 0.312ug. 7. hFTO (His-tagged) 0.156ug. 8. hFTO (His-tagged) 0.078ug





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 NBP2-80051-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NB110-60935PEP	FTO Antibody Blocking Peptide

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80051

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

