

# Product Datasheet

## FTO Antibody (FT62-6) - Azide and BSA Free NBP2-80050-100ug

Unit Size: 100 ug

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

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Updated 9/9/2025 v.20.1

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**NBP2-80050-100ug**

FTO Antibody (FT62-6) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	FT62-6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	0.2 um-filtered solution in PBS, pH 7.4

**Product Description**

<b>Description</b>	Novus Biologicals Mouse FTO Antibody (FT62-6) - Azide and BSA Free (NBP2-80050) is a monoclonal antibody validated for use in IHC, WB, ELISA and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	79068
<b>Gene Symbol</b>	FTO
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	Recognizes mouse FTO. Weakly cross-reacts with human FTO. Does not cross-react with rat FTO.
<b>Immunogen</b>	Recombinant human FTO.

**Product Application Details**

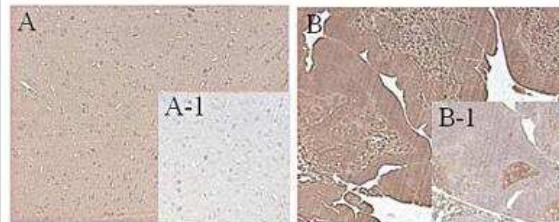
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:2000 - 1:5000, ELISA 1:2000 - 1:5000, Immunohistochemistry 1:100 - 1:500, Immunoprecipitation 5 ug/mL, Immunohistochemistry-Paraffin 1:100 - 1:500
<b>Application Notes</b>	Immunoprecipitation: 5ug/ml per sample in a final reaction volume of 500-1000 ul.  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.

## Images

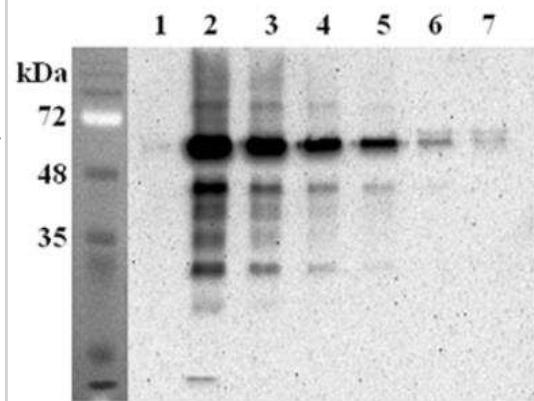
Western Blot: FTO Antibody (FT62-6) [NBP2-80050] - Analysis using anti-FTO (mouse), mAb (FT62-6) at 1:2'000 dilution. A) 1: Mouse kidney (200 ug). 2: Mouse spleen (200 ug). 3: Mouse heart (200 ug). 4: Mouse liver (500 ug). 5: Mouse stomach (200 ug). 6: Mouse brain (300 ug). 7: Mouse lung (200 ug). B) 1: Mouse FTO (10 ng). 2: 3T3L1 (100 ug).



Immunohistochemistry-Paraffin: FTO Antibody (FT62-6) [NBP2-80050] - Immunohistochemical staining of mouse FTO using anti-FTO (mouse), mAb (FT62-6) in mouse tissue (1:500 dilution, 200X). A. Immunoperoxidase staining of formalin-Fixed, paraffin-embedded mouse brain. A-1. Isotype control, mouse brain. B. Immunoperoxidase staining of formalin-Fixed, paraffin-embedded mouse uterus. B-1. Isotype control, mouse uterus.



Immunoprecipitation: FTO Antibody (FT62-6) [NBP2-80050] - Immunoprecipitation confirmed by recombinant mouse FTO. Recombinant mouse FTO proteins at different concentrations were precipitated using anti-FTO (mouse), mAb (FT62-6). The precipitated proteins were separated by SDS-PAGE, electroblotted, and visualized by western blot with rabbit anti-mouse FTO pAb. 1. mFTO (His-tagged) recombinant control 50 ng. 2. mFTO (His-tagged) 10 ug. 3. mFTO (His-tagged) 5 ug. 4. mFTO (His-tagged) 2.5 ug. 5. mFTO (His-tagged) 1.25 ug. 6. mFTO (His-tagged) 0.312 ug. 7. mFTO (His-tagged) 0.156 ug.





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## Products Related to NBP2-80050-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
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.

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