

# Product Datasheet

## GOT2 Antibody NBP2-16708

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: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
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Updated 9/25/2025 v.20.1

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**NBP2-16708**

## GOT2 Antibody

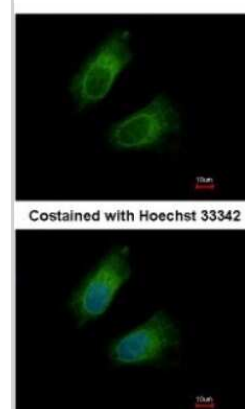
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	48 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit GOT2 Antibody (NBP2-16708) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-GOT2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2806
Gene Symbol	GOT2
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: <i>Xenopus laevis</i> (81%), Porcine (89%), Chicken (82%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human GOT2. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Knockout Validated

**Images**

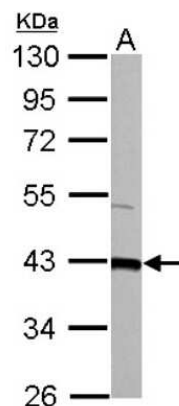
Immunocytochemistry/Immunofluorescence: GOT2 Antibody [NBP2-16708] - Analysis of methanol-fixed HeLa, using antibody at 1:500 dilution.



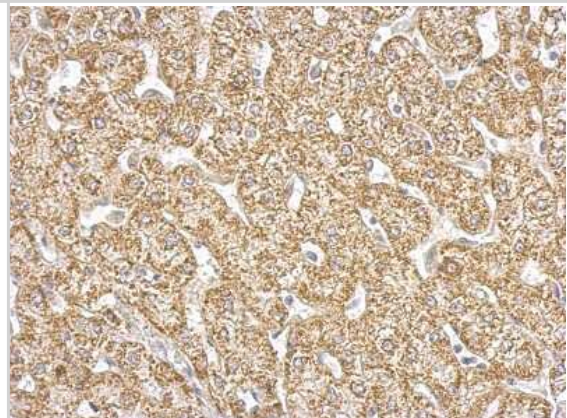
Immunohistochemistry-Paraffin: GOT2 Antibody [NBP2-16708] - Mouse brain. GOT2 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



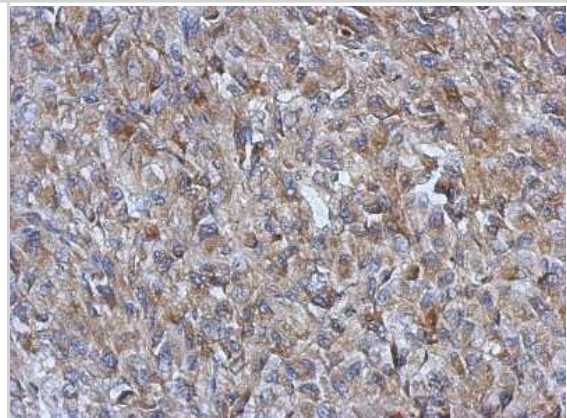
Western Blot: GOT2 Antibody [NBP2-16708] - 50 ug rat lung lysate/extract 10 % SDS-PAGE GOT2 antibody dilution: 1:1000.



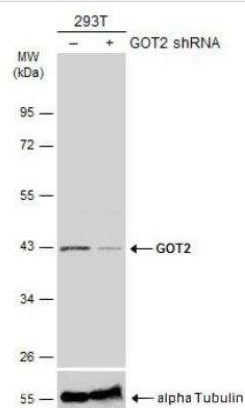
Immunohistochemistry-Paraffin: GOT2 Antibody [NBP2-16708] - Hepatoma tissue. GOT2 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunohistochemistry-Paraffin: GOT2 Antibody [NBP2-16708] - RT2 xenograft, using GOT2 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



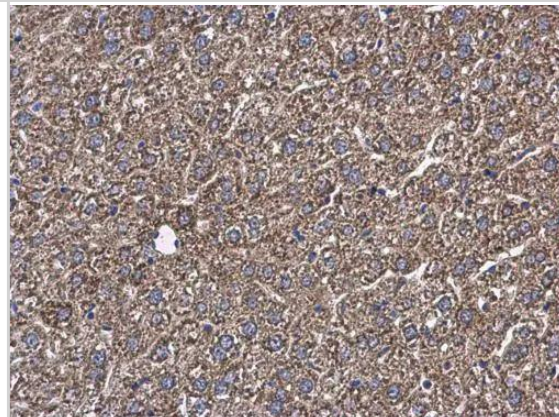
Western Blot: GOT2 Antibody [NBP2-16708] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with GOT2 antibody diluted at 1:1000. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



GOT2 antibody detects GOT2 protein at cytoplasm in mouse liver by immunohistochemical analysis.

Sample: Paraffin-embedded mouse liver.  
GOT2 antibody (NBP2-16708) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



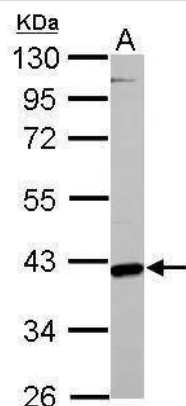
GOT2 antibody detects GOT2 protein by western blot analysis.

A. 30 ug Neuro2A whole cell lysate/extract

10% SDS-PAGE

GOT2 antibody (NBP2-16708) dilution: 1:1000

The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



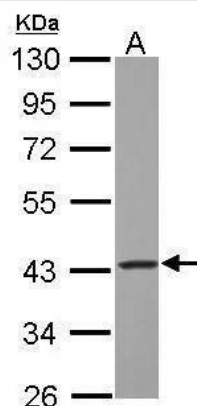
Sample (30 ug of whole cell lysate)

A: HepG2

10% SDS PAGE

NBP2-16708 diluted at 1:1000

The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Islam M, Umehara T, Tsujita N, Shimada M Saturated fatty acids accelerate linear motility through mitochondrial ATP production in bull sperm *Reprod Med Biol* 2021-07-15 [PMID: 34262396]

Zabielski P, Hady HR, Chacinska M et al. The effect of high fat diet and metformin treatment on liver lipids accumulation and their impact on insulin action *Sci Rep* 2018-05-08 [PMID: 29739997] (WB, Rat)



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General: [novus@novusbio.com](mailto:novus@novusbio.com)

### **Products Related to NBP2-16708**

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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.

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