

# 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

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Updated 10/23/2024 v.20.1

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**NBP2-16708**

GOT2 Antibody

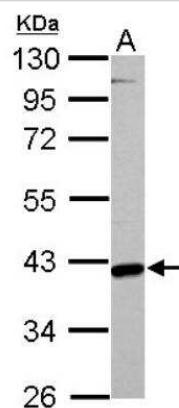
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol, 1% BSA
Target Molecular Weight	48 kDa

Product Description	
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.

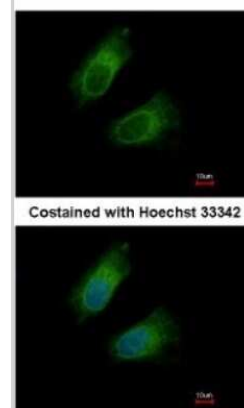
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000,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

**Images**

Western Blot: GOT2 Antibody [NBP2-16708] - 30 ug Neuro2A whole cell lysate/extract 10 % SDS-PAGE GOT2 antibody dilution: 1:1000. (Mouse)



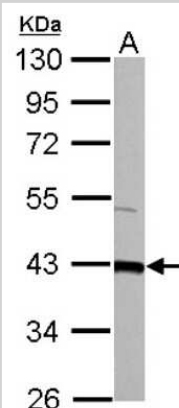
Immunocytochemistry/Immunofluorescence: GOT2 Antibody [NBP2-16708] - Analysis of methanol-fixed HeLa, using antibody at 1:500 dilution.



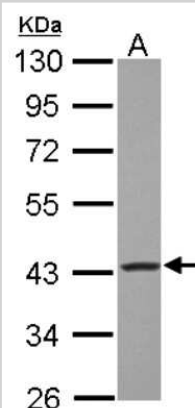
Immunohistochemistry-Paraffin: GOT2 Antibody [NBP2-16708] - Mouse brain. GOT2 antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



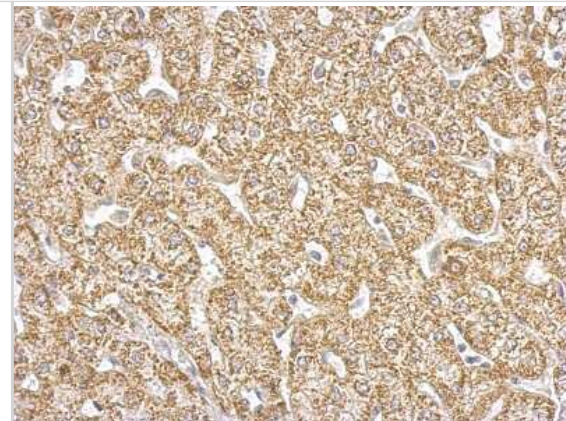
Western Blot: GOT2 Antibody [NBP2-16708] - 50 ug rat lung lysate/extract 10 % SDS-PAGE GOT2 antibody dilution: 1:1000.



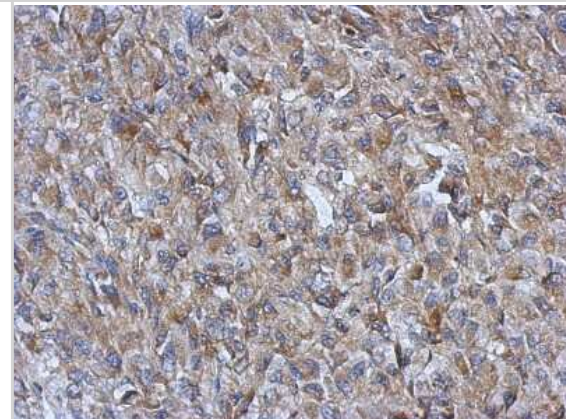
Western Blot: GOT2 Antibody [NBP2-16708] - Sample (30 ug of whole cell lysate) A: HepG2 10% SDS PAGE gel, diluted at 1:1000.



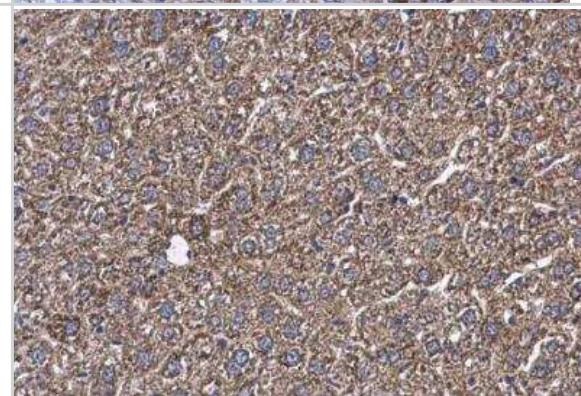
Immunohistochemistry-Paraffin: GOT2 Antibody [NBP2-16708] - Hepatoma tissue. GOT2 antibody dilution: 1:500. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



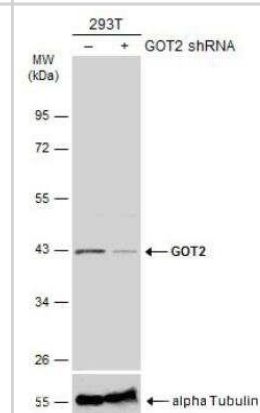
Immunohistochemistry-Paraffin: GOT2 Antibody [NBP2-16708] - RT2 xenograft, using GOT2 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



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



Knockout Validated: 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.



## 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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### Products Related to NBP2-16708

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-52146-0.02mg	Recombinant Human GOT2 His Protein

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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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