

# Product Datasheet

## alpha Glucosidase 2 Antibody (PSH01-53) NBP3-32367

Unit Size: 100 ul

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

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**NBP3-32367**

alpha Glucosidase 2 Antibody (PSH01-53)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH01-53
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	107 kDa

Product Description	
Host	Rabbit
Gene ID	23193
Gene Symbol	GANAB
Species	Human
Immunogen	Recombinant protein within human alpha Glucosidase 2 aa 29-450. (Uniprot: Q14697)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



## Images

Western Blot: alpha Glucosidase 2 Antibody (PSH01-53) [NBP3-32367] - Western blot analysis of alpha Glucosidase 2 on different lysates with Rabbit anti-alpha Glucosidase 2 antibody (NBP3-32367) at 1/1,000 dilution.

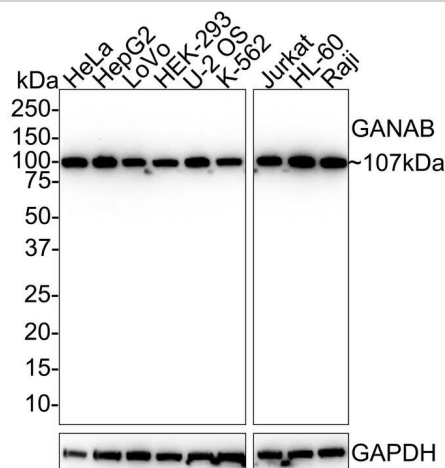
Lane 1: HeLa cell lysate (20 ug/Lane)  
 Lane 2: HepG2 cell lysate (20 ug/Lane)  
 Lane 3: LoVo cell lysate (20 ug/Lane)  
 Lane 4: HEK-293 cell lysate (20 ug/Lane)  
 Lane 5: U-2 OS cell lysate (20 ug/Lane)  
 Lane 6: K-562 cell lysate (20 ug/Lane)  
 Lane 7: Jurkat cell lysate (20 ug/Lane)  
 Lane 8: HL-60 cell lysate (20 ug/Lane)  
 Lane 9: Raji cell lysate (20 ug/Lane)

Predicted band size: 107 kDa  
 Observed band size: 107 kDa

Exposure time: 1 minute 2 seconds;

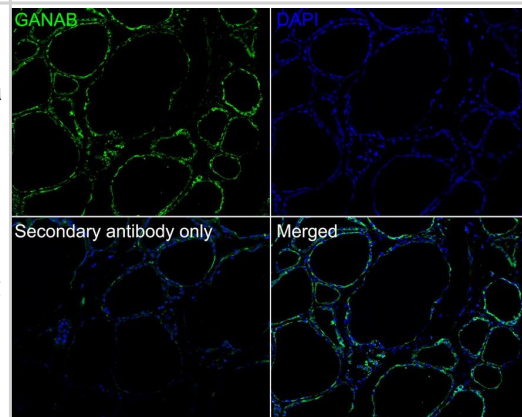
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32367) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



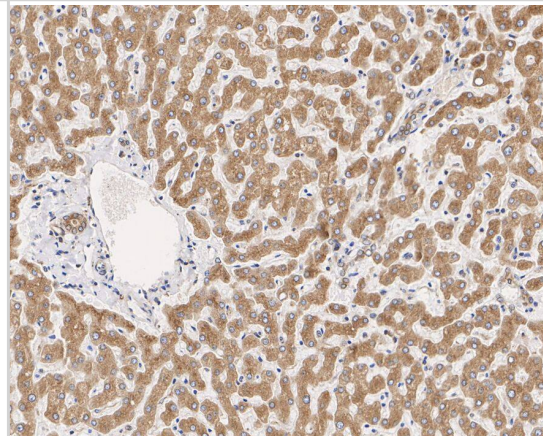
Immunohistochemistry: alpha Glucosidase 2 Antibody (PSH01-53) [NBP3-32367] - Immunofluorescence analysis of paraffin-embedded human thyroid tissue labeling alpha Glucosidase 2 with Rabbit anti-alpha Glucosidase 2 antibody (NBP3-32367) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32367, green) at 1/200 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



Immunohistochemistry: alpha Glucosidase 2 Antibody (PSH01-53) [NBP3-32367] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Rabbit anti-alpha Glucosidase 2 antibody (NBP3-32367) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32367) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-32367**

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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
H00023193-P01-10ug	Recombinant Human alpha Glucosidase 2 GST (N-Term) 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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