

Product Datasheet

alpha Glucosidase 2 Antibody (PSH01-52) NBP3-32366

Unit Size: 100 ul

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

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NBP3-32366

alpha Glucosidase 2 Antibody (PSH01-52)

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	PSH01-52
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	
Description	Novus Biologicals Rabbit alpha Glucosidase 2 Antibody (PSH01-52) (NBP3-32366) is a recombinant monoclonal antibody validated for use in IHC, WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23193
Gene Symbol	GANAB
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human alpha Glucosidase 2 aa 29-450. (Uniprot: Q14697)

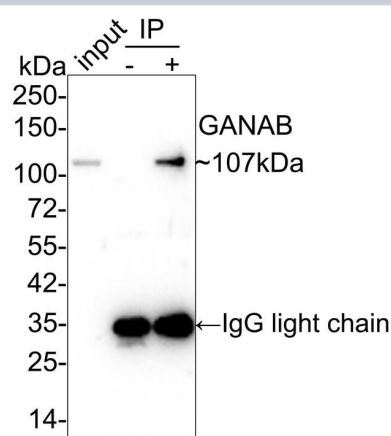
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Immunohistochemistry, Immunoprecipitation 1-2ug/sample, Immunohistochemistry-Paraffin 1:1000

Images

Immunoprecipitation: alpha Glucosidase 2 Antibody (PSH01-52) [NBP3-32366] - alpha Glucosidase 2 was immunoprecipitated in 0.2mg HeLa cell lysate with NBP3-32366 at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate using NBP3-32366 at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

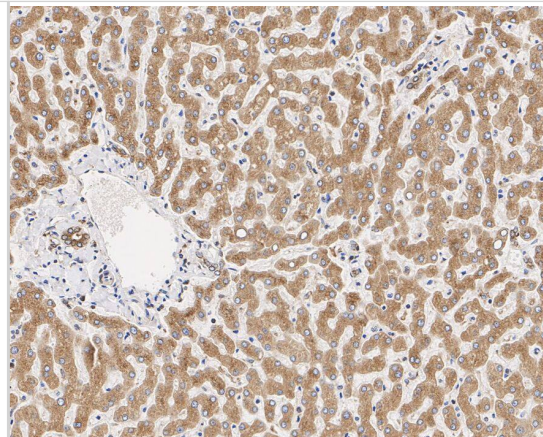
Lane 1: HeLa cell lysate (input)
 Lane 2: Rabbit IgG instead of NBP3-32366 in HeLa cell lysate
 Lane 3: NBP3-32366 IP in HeLa cell lysate

Blocking/Dilution buffer: 5% NFDM/TBST
 Exposure time: 1 minute 21 seconds



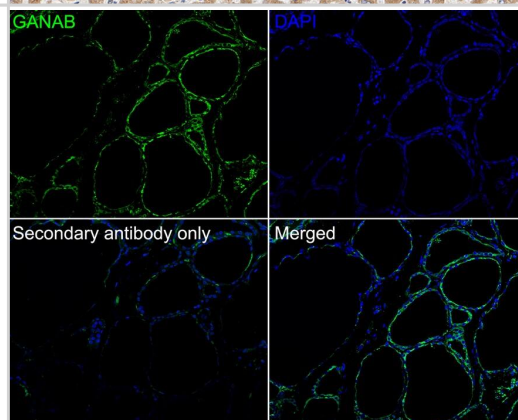
Immunohistochemistry: alpha Glucosidase 2 Antibody (PSH01-52) [NBP3-32366] - Immunohistochemical analysis of paraffin-embedded human liver tissue with Rabbit anti-alpha Glucosidase 2 antibody (NBP3-32366) at 1/1,000 dilution.

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 ddH₂O and PBS, and then probed with the primary antibody (NBP3-32366) 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.



Immunohistochemistry: alpha Glucosidase 2 Antibody (PSH01-52) [NBP3-32366] - Immunofluorescence analysis of paraffin-embedded human thyroid tissue labeling alpha Glucosidase 2 with Rabbit anti-alpha Glucosidase 2 antibody (NBP3-32366) 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 (NBP3-32366, 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).



Western Blot: alpha Glucosidase 2 Antibody (PSH01-52) [NBP3-32366] - Western blot analysis of alpha Glucosidase 2 on different lysates with Rabbit anti-alpha Glucosidase 2 antibody (NBP3-32366) at 1/5,000 dilution.

Lane 1: HeLa cell lysate
Lane 2: HepG2 cell lysate
Lane 3: HEK-293 cell lysate
Lane 4: Raji cell lysate
Lane 5: NIH/3T3 cell lysate
Lane 6: C2C12 cell lysate
Lane 7: PC-12 cell lysate

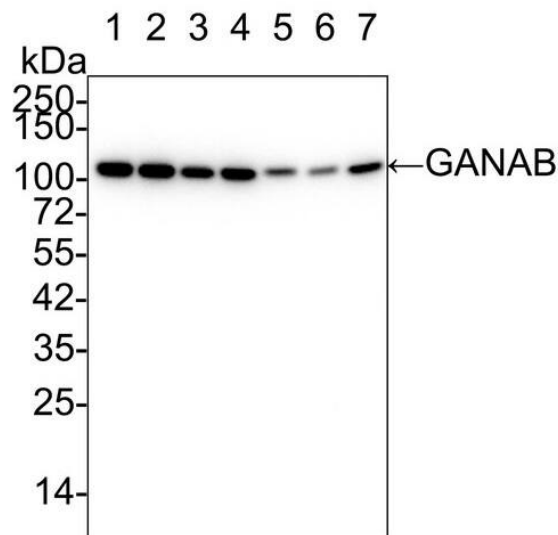
Lysates/proteins at 15 µg/Lane.

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

Exposure time: 1 minute 21 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 at 1/5,000 dilution was used in 5% NFDm/TBST at 4 °C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.





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Products Related to NBP3-32366

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

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

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