

Product Datasheet

Galactosylceramidase/GALC Antibody (PSH03-45) NBP3-32361

Unit Size: 100 ul

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

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NBP3-32361**Galactosylceramidase/GALC Antibody (PSH03-45)**

| 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 | PSH03-45 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | PBS (pH7.4), 0.1% BSA and 40% Glycerol |
| Target Molecular Weight | 77 kDa |

| Product Description | |
|----------------------------|--|
| Description | Novus Biologicals Rabbit Galactosylceramidase/GALC Antibody (PSH03-45) (NBP3-32361) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 2581 |
| Gene Symbol | GALC |
| Species | Human, Mouse, Rat |
| Immunogen | Recombinant protein within human Galactosylceramidase/GALC aa 1-500 / 685. (Uniprot: P54803) |

| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, Immunocytochemistry/ Immunofluorescence |
| Recommended Dilutions | Western Blot 1:5000, Immunocytochemistry/ Immunofluorescence 1:100 |



Images

Western Blot: Galactosylceramidase/GALC Antibody (PSH03-45) [NBP3-32361] - Western blot analysis of Galactosylceramidase/GALC on different lysates with Rabbit anti-Galactosylceramidase/GALC antibody (NBP3-32361) at 1/5,000 dilution.

Lane 1: 293T cell lysate
 Lane 2: A375 cell lysate
 Lane 3: A549 cell lysate
 Lane 4: HepG2 cell lysate
 Lane 5: NIH/3T3 cell lysate
 Lane 6: PC-12 cell lysate
 Lane 7: Mouse brain tissue lysate
 Lane 8: Mouse testis tissue lysate
 Lane 9: Rat brain tissue lysate
 Lane 10: Rat testis tissue lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 77 kDa
 Observed band size: 60 kDa

Exposure time: 43 seconds;

4-20% SDS-PAGE gel.

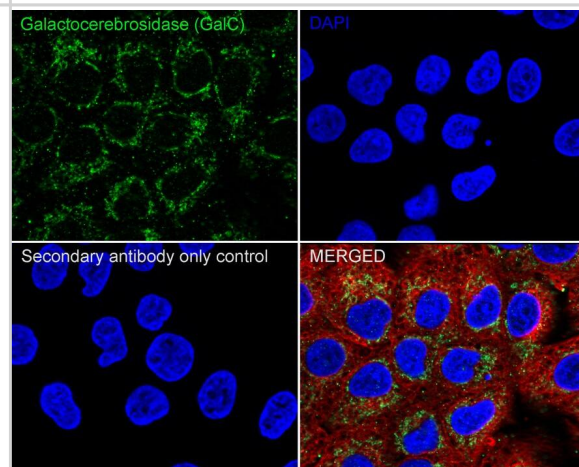
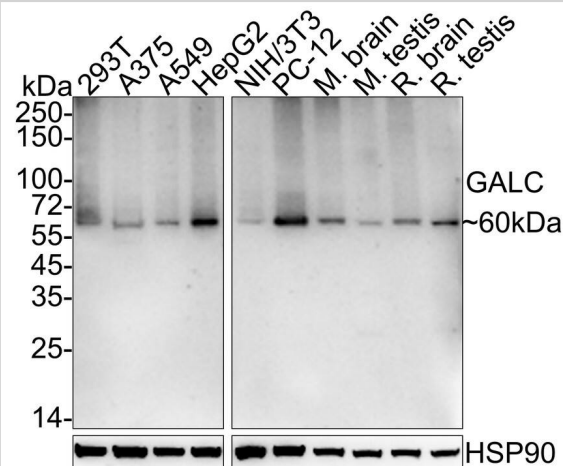
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32361) at 1/5,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence:

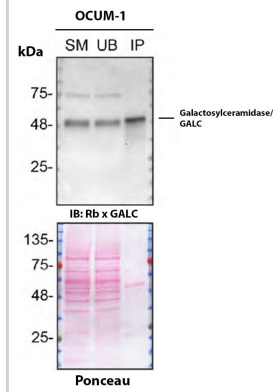
Galactosylceramidase/GALC Antibody (PSH03-45) [NBP3-32361] - Immunocytochemistry analysis of A549 cells labeling Galactosylceramidase/GALC with Rabbit anti-Galactosylceramidase/GALC antibody (NBP3-32361) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-Galactosylceramidase/GALC antibody (NBP3-32361) at 1/100 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4°C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



OCUM-1 cell line lysates were prepared and immunoprecipitation was performed using 2.0 μ g of Galactosylceramidase/GALC Antibody (PSH03-45) (Catalog # NBP3-32361) pre-coupled to Dynabeads Protein A. Immunoprecipitated Galactosylceramidase/GALC was detected in Western Blot with a rabbit Galactosylceramidase/GALC antibody used at 1/1000. The Ponceau stained transfer of the blot is shown. SM=4% starting material; UB=4% unbound fraction; IP=immunoprecipitate; HC=antibody heavy chain. Image, protocol and testing courtesy of YCharOS Inc. (ycharos.com).





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Products Related to NBP3-32361

| | |
|-------------|---|
| 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 |

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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