

GALNT2 / GalNAc-T2 Antibody, Rabbit PAb, Antigen Affinity Purified



Sino Biological
Biological Solution Specialist

Catalog Number: 13764-T62

GENERAL INFORMATION

Immunogen:	Recombinant Human GALNT2 / GalNAc-T2 Protein (Catalog#13764-H07H)
Preparation	Produced in rabbits immunized with purified, recombinant Human GALNT2 / GalNAc-T2 (rh GALNT2 / GalNAc-T2; Catalog#13764-H07H; NP_004472.1; Lys52-Gln571). GALNT2 / GalNAc-T2 specific IgG was purified by Human GALNT2 / GalNAc-T2 affinity chromatography.
Ig Type:	Rabbit IgG
Specificity:	Human GALNT2 / GalNAc-T2
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	GalNAc-T2

APPLICATIONS

Applications:	WB,ELISA,IHC-P,ICC/IF,IP
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RECOMMENDED CONCENTRATION

IHC-P	IHC-P: 1:500-1:2000
ICC/IF	ICC/IF: 1:300-1:10000
Western Blot	WB: 1:500-1:2000
Immunoprecipitation	IP: 1-4 µL/mg of lysate
ELISA	ELISA: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect Human GALNT2 / GalNAc-T2.

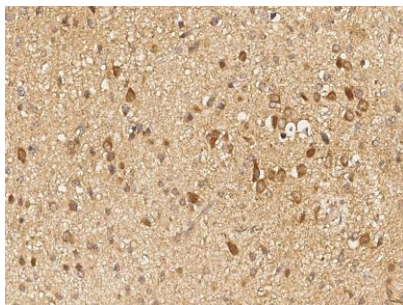
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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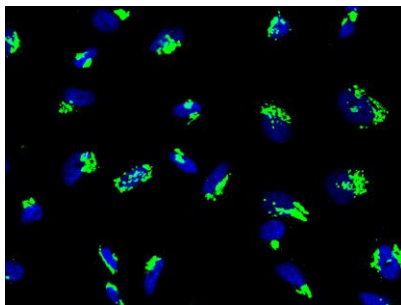


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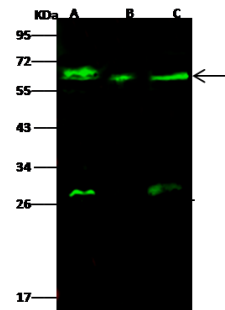
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Immunohistochemical staining of human GALNT2 in human brain with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



Immunofluorescence staining of GALNT2 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human GALNT2 polyclonal antibody (1:1000) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.



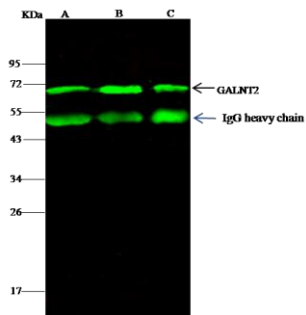
Anti-GALNT2 rabbit polyclonal antibody at 1:500 dilution
Lane A: A549 Whole Cell Lysate
Lane B: HeLa Whole Cell Lysate
Lane C: U87MG Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary
Goat Anti- Rabbit IgG H&L (Dylight 800) at 1/10000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 65 kDa
Observed band size: 65 kDa (We are unsure as to the identity of these extra bands.)



GALNT2 was immunoprecipitated using:
Lane A: 0.5 mg A549 Whole Cell Lysate
Lane B: 0.5 mg HeLa Whole Cell Lysate
Lane C: 0.5 mg U87MG Whole Cell Lysate

4 µL anti-GALNT2 rabbit polyclonal antibody
and 15 µL of 50 % Protein G agarose.

Primary antibody:
Anti-GALNT2 rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:
Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution

Developed using the odyssey technique.
Performed under reducing conditions.

Predicted band size: 71 kDa
Observed band size: 71 kDa