

Product Datasheet

Glypican 1 Antibody NBP1-33197

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-33197

Glypican 1 Antibody

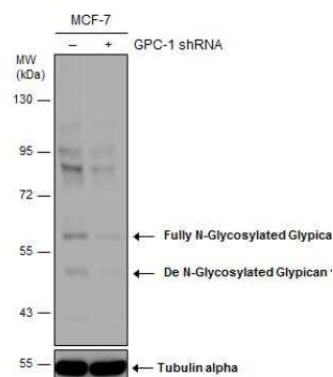
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	62 kDa

Product Description	
Description	Novus Biologicals Rabbit Glypican 1 Antibody (NBP1-33197) is a polyclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. Anti-Glypican 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2817
Gene Symbol	GPC1
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Bovine (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Glypican 1. The exact sequence is proprietary.

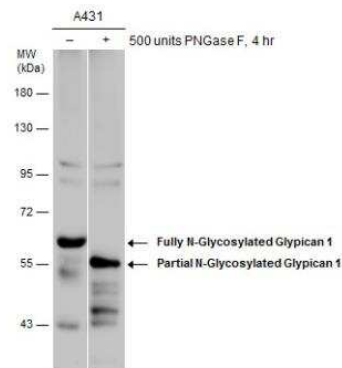
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry 1:50-1:200, ELISA 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

Images

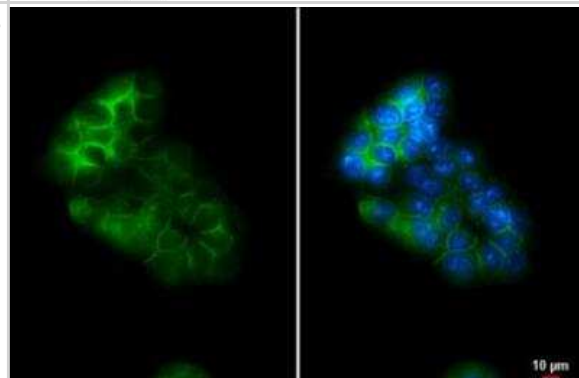
Western Blot: Glypican 1 Antibody [NBP1-33197] - Non-transfected (-) and transfected (+) MCF-7 whole cell extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3]. The observed M.W. is based on the publication: PMID: 22351761, 26203194 and 21932778



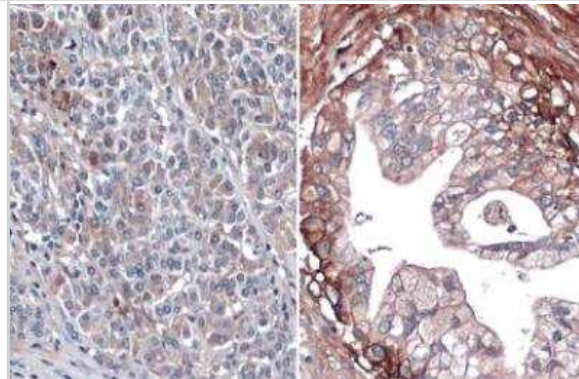
Western Blot: Glypican 1 Antibody [NBP1-33197] - Untreated (-) and treated (+) A431 whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3]. The observed M.W. is based on the following publications: PMID: 22351761, 26203194 and 21932778



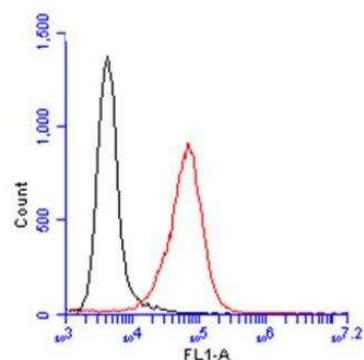
Immunocytochemistry/Immunofluorescence: Glypican 1 Antibody [NBP1-33197] - Glypican 1 antibody [N3C3] detects Glypican 1 protein at cell membrane and cytoplasm by immunofluorescent analysis. Sample: MCF-7 cells were fixed in ice-cold MeOH for 5 min. Green: Glypican 1 stained by Glypican 1 antibody [N3C3] diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar= 10 um.



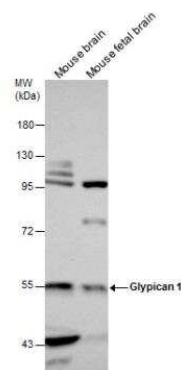
Immunohistochemistry-Paraffin: Glypican 1 Antibody [NBP1-33197] - Paraffin-embedded human normal pancreas (left) and pancreatic cancer (right). Glypican 1 stained by Glypican 1 antibody [N3C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



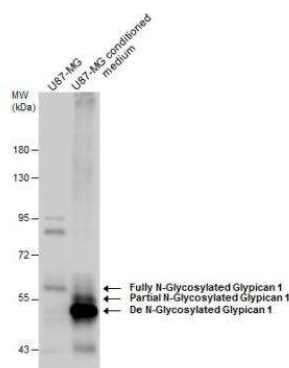
Flow Cytometry: Glypican 1 Antibody [NBP1-33197] - Sample: A431 cell. Black: Unlabelled sample was used as a control. Red: Glypican 1 antibody [N3C3] dilution: 1:100. Acquisition of 20,000 events were collected using a Dylight 488-conjugated secondary antibody for FACS analysis.



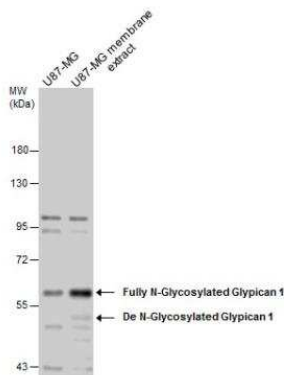
Western Blot: Glypican 1 Antibody [NBP1-33197] - Mouse tissue extracts (50 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3] diluted at 1:1500.



Western Blot: Glypican 1 Antibody [NBP1-33197] - U87-MG whole cell extract and conditioned medium (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3] diluted at 1:1500. The HRP-conjugated anti-rabbit IgG antibody [] was used to detect the primary antibody.

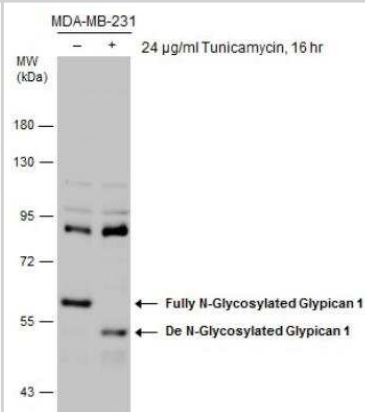


Western Blot: Glypican 1 Antibody [NBP1-33197] - U87-MG whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3] diluted at 1:1500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Glypican 1 Antibody [NBP1-33197] - Untreated (-) and treated (+) MDA-MB-231 whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3]. HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

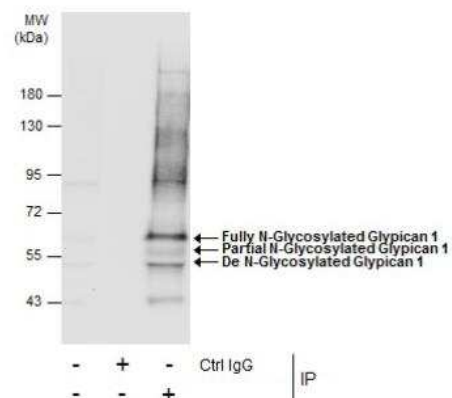
The observed M.W. is based on the following publications: PMID: 22351761, 26203194 and 21932778



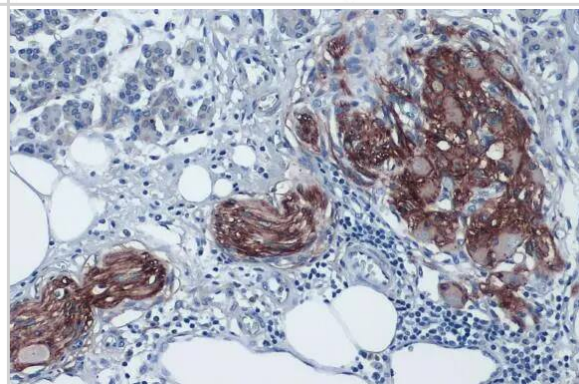
ELISA: Glypican 1 Antibody [NBP1-33197] - An ELISA plate is coated with MCF-7 and A431 cells. The coated cells are detected with Glypican 1 antibody at concentration ranged from 7.5 to 240 ng/mL.



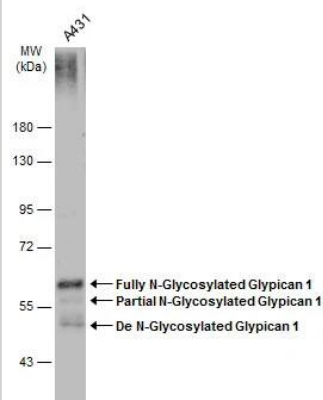
Immunoprecipitation: Glypican 1 Antibody [NBP1-33197] - Immunoprecipitation of Glypican 1 protein from MCF-7 whole cell extracts using 5 µg of Glypican 1 antibody [N3C3].



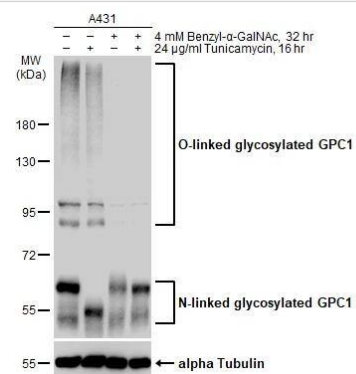
Immunohistochemistry-Paraffin: Glypican 1 Antibody [NBP1-33197] - Glypican 1 antibody [N3C3] detects Glypican 1 protein at cell membrane and cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human pancreatic cancer. Glypican 1 stained by Glypican 1 antibody [N3C3] (NBP1-33197) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



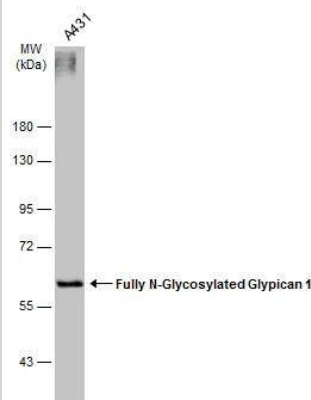
Western Blot: Glypican 1 Antibody [NBP1-33197] - A431 whole cell extracts (30 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3] (NBP1-33197) diluted at 1:1500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Untreated (-) and treated (+) A431 whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3] (NBP1-33197) diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



A431 whole cell extracts (30 ug) was separated by 7.5% SDS-PAGE, and the membrane was blotted with Glypican 1 antibody [N3C3] (NBP1-33197) diluted at 1:1500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Zhu, T;Wang, H;Wang, L;Zhong, X;Huang, W;Deng, X;Guo, H;Xiong, J;Xu, Y;Fan, J; Ginsenoside Rg1 attenuates high glucose-induced endothelial barrier dysfunction in human umbilical vein endothelial cells by protecting the endothelial glycocalyx Exp Ther Med 2019-05-01 [PMID: 30988758] (WB, Human)



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Products Related to NBP1-33197

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

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