

Product Datasheet

Glypican 1 Antibody - BSA Free

NBP1-42718

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-42718

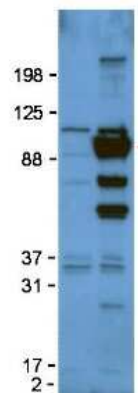
Glypican 1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This antibody was protein A purified from monospecific antiserum by immunoaffinity chromatography using protein A coupled to agarose beads</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	2817
Gene Symbol	GPC1
Species	Human, Mouse, Rat
Reactivity Notes	A BLAST analysis was used to suggest partial cross-reactivity with Glypican 1 from rat, mouse, Macaque, dog, cattle, and opossum sources based on 100 - 88% homology with the immunizing sequence. Cross-reactivity with Glypican 1 from other sources has not been determined.
Immunogen	Glypican 1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region of human Glypican 1-1 protein. (Uniprot: P35052)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000-1:50000, Immunohistochemistry 10ug/ml
Application Notes	This product has been tested for use in ELISA, immunohistochemistry, and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~61 kDa in size corresponding to glypican by western blotting in the appropriate cell lysate or extract. The higher molecular weight (110kDa) of transfected Fc-glypican compared with the expected MW of glypican is likely due to the presence of the Fc-tag.

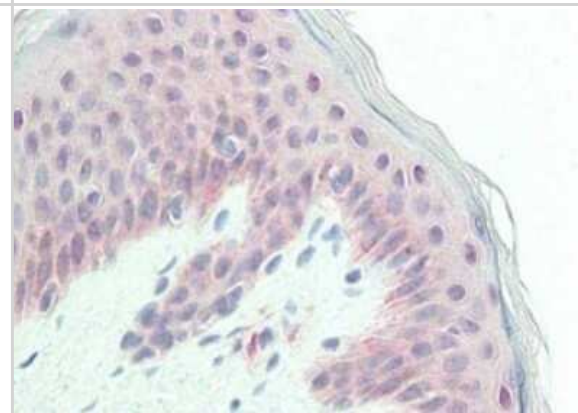


Images

Western Blot: Glypican 1 Antibody [NBP1-42718] - Lane 1: untransfected 293T cell lysate. Lane 2: 293T whole cell lysate. Load: 50ug per lane. Primary antibody: Glypican-1 antibody at 1:1000 for overnight at 4C. Secondary antibody: HRP Gt-a-Rabbit IgG diluted 1:5,000 at 4 C. Block: 5% BLOTTO overnight at 4C. Predicted/Observed size: 61kDa, 61kDa for Glypican-1. Other band(s): 110kDa is likely due to the presence of the Fc-tag. Minor bands may represent post translational modifications of glypican-1.



Immunohistochemistry: Glypican 1 Antibody [NBP1-42718] - Tissue: skin. Fixation: formalin fixed paraffin embedded. Primary antibody: anti-Glypican antibody at 10 ug/mL for 1 h at RT. Secondary antibody: Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Staining: Glypican as precipitated red signal with hematoxylin purple nuclear counterstain.





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Products Related to NBP1-42718

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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-17035PEP	Glypican 1 Recombinant Protein Antigen

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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