

# Product Datasheet

## Glypican 3 Antibody (CL12711) - Azide and BSA Free NBP3-44385

Unit Size: 100 ul

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

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Updated 3/13/2025 v.20.1

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**NBP3-44385**

Glypican 3 Antibody (CL12711) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL12711
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

**Product Description**

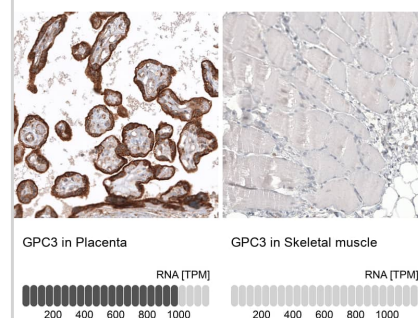
<b>Host</b>	Mouse
<b>Gene ID</b>	2719
<b>Gene Symbol</b>	GPC3
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was generated using a synthetic peptide of P51654, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

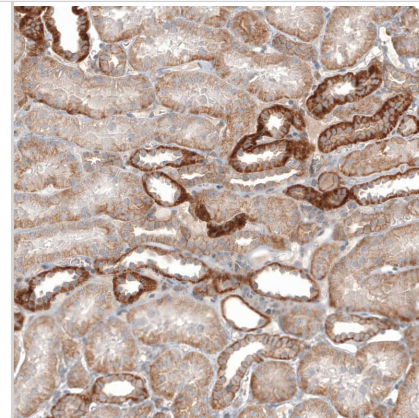
<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin 1:1000 - 1:2500
<b>Application Notes</b>	For use with IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

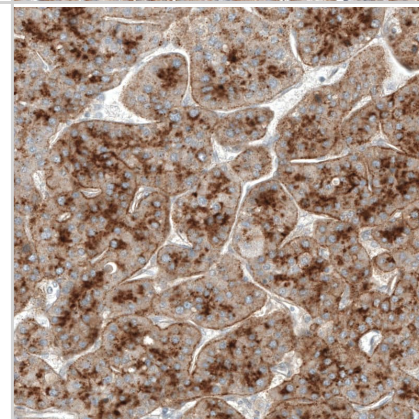
Analysis in human placenta and skeletal muscle tissues using NBP3-44385 antibody. Corresponding Glypican 3 RNA-seq data are presented for the same tissues.



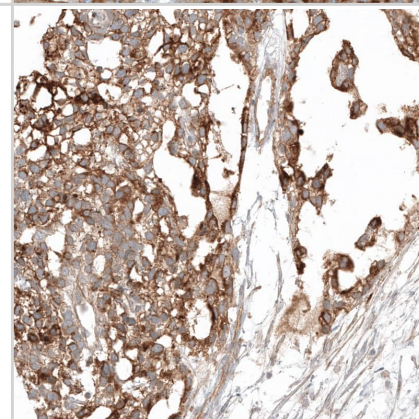
Staining of human kidney shows moderate membranous positivity in cells in tubules.



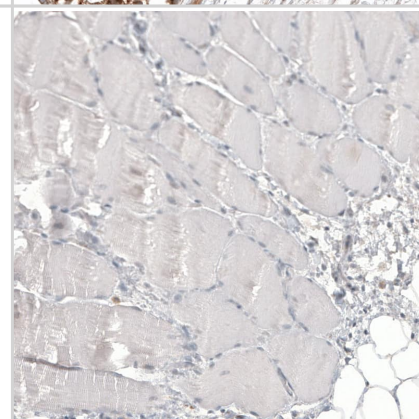
Staining of human liver cancer (hepatocellular carcinoma) shows moderate membranous positivity in tumor cells.



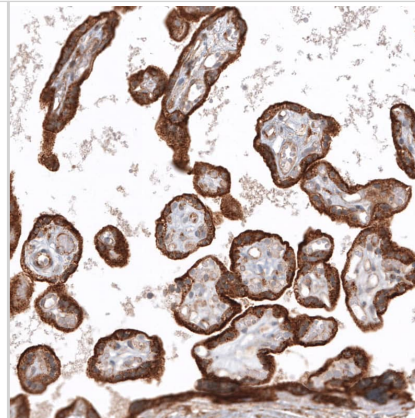
Staining of human ovarian cancer (yolk sack tumor) shows moderate membranous positivity in tumor cells.



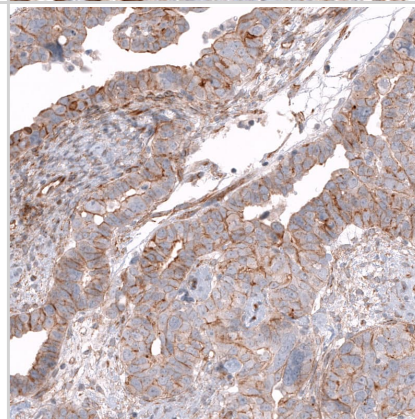
Staining of human skeletal muscle shows no positivity in myocytes as expected.



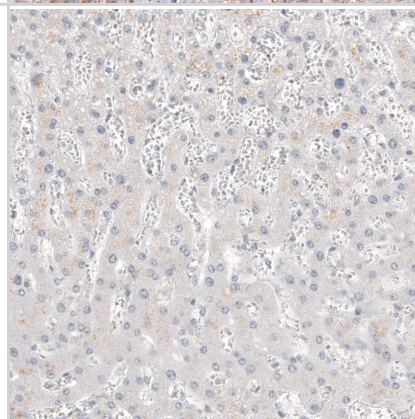
Staining of human placenta shows strong granular cytoplasmic positivity in trophoblastic cells.



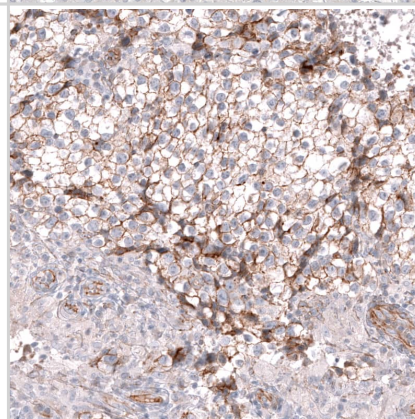
Staining of human ovarian cancer (papillary carcinoma) shows moderate membranous positivity in tumor cells.



Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human testis cancer (seminoma) shows moderate membranous positivity in tumor cells.







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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-85226PEP	Glypican 3 Recombinant Protein Antigen

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### **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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