

# Product Datasheet

## Glypican 1 Antibody NBP1-89759-25ul

Unit Size: 25 ul

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

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**NBP1-89759-25ul**

## Glypican 1 Antibody

Product Information	
<b>Unit Size</b>	25 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2817
<b>Gene Symbol</b>	GPC1
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Expected species cross reactivity based on sequence homology: Mouse (89%). Rat, Human reactivity reported in scientific literature (PMID: 24937430).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DAEWRNLLDSMVLITDKFWGTSGVESVIGSVHTWLAEAINALQDNRDTLTAKVI QGCGNPKVNPQGGPPEEKRR

Product Application Details	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-4 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Publications**

Tanaka M, Ishikawa S, Ushiku T et al. EVI1 modulates oncogenic role of GPC1 in pancreatic carcinogenesis. *Oncotarget* 2017-11-21 [PMID: 29245923] (IF/IHC, Human)

Knelson EH, Gaviglio AL, Nee JC et al. Stromal heparan sulfate differentiates neuroblasts to suppress neuroblastoma growth. *J Clin Invest* 2014-07-01 [PMID: 24937430] (IF/IHC, WB, Human, Rat)





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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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