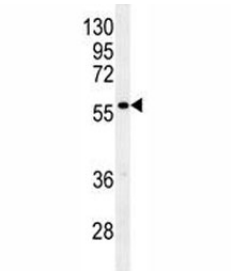
Glypican 3 Rabbit Polyclonal Antibody (F49599)

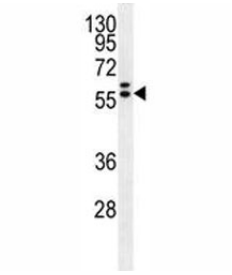
Catalog No.	Formulation	Size
F49599-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49599-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

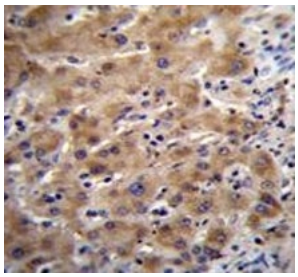
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P51654
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This Glypican 3 Rabbit Polyclonal Antibody is available for research use only.



Glypican 3 Rabbit Polyclonal Antibody western blot analysis in mouse stomach tissue lysate



Glypican 3 antibody western blot analysis in HepG2 lysate



Glypican 3 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue.

Description

GPC3 is a cell surface proteoglycan that bears heparan sulfate. This protein may be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs, and may play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function. Members of the glypican-related integral membrane proteoglycan family contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol (GPI) linkage. These proteins may play a role in the control of cell division, growth regulation, and tumor predisposition. Deletion mutations in GPC3 are the cause of Simpson-Golabi-Behmel syndrome (SGBS), also known as Simpson dysmorphia syndrome (SDYS). SGBS is a condition characterized by pre- and postnatal overgrowth (gigantism) with visceral and skeletal anomalies.

For an alternative monoclonal antibody targeting this cell-surface proteoglycan, see our GPC3 Antibody rGPC3/863, validated for immunohistochemistry, immunofluorescence, and flow cytometry.

Application Notes

Titration of the Glypican 3 Rabbit Polyclonal Antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 21-50 from the human protein was used as the immunogen for this Glypican 3 antibody.

Storage

Aliquot the Glypican 3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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