Recombinant Glypican 1 Monoclonal Antibody

catalog number: **AN301911L**

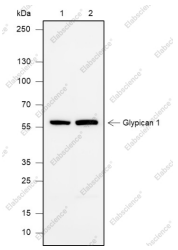
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant protein of human Glypican 1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321532
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000
IHC-P	1:200-1:500
IP	1:20-1:50

Data



Western Blot with Glypican 1 Monoclonal Antibody at dilution of 1:1000. Lane 1: HepG2, Lane 2: MCF-7

Observed-MW:55 kDa

Calculated-MW:62 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Glypicans are a family of HSPGs that are attached to the cell membrane by a glycosyl-phosphatidylinositol anchor. Glypicans are considered to have the ability to modulate the activities of HBGFs. The expression of glypicans is regulated temporally and spatially during development, suggesting they are involved in development and morphogenesis. To date, six glypicans (Glypican 1 to Glypican 6) have been identified in mammals. Glypican 1 (GPC 1) is most ubiquitously expressed in adult tissues. GPC1 promotes efficient signaling by HBGFs and plays a critical role in cell growth and differentiation. GPC1 is involved in tumorigenesis and angiogenesis, and is frequently overexpressed in several types of tumors including pancreatic carcinoma, breast cancer and glioma.

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