



# GPC1 Polyclonal Antibody

<b>Catalog No</b>	BYab-06938
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	GPC1
<b>Protein Name</b>	Glypican-1 [Cleaved into: Secreted glypican-1]
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	GPC1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	61kD
<b>Cell Pathway</b>	Cell membrane; Lipid-anchor, GPI-anchor; Extracellular side. Endosome. S-nitrosylated form recycled in endosomes. Localizes to CAV1-containing vesicles close to the cell surface. Cleavage of heparan sulfate side chains takes place mainly in late endosomes. Associates with both forms of PRNP in lipid rafts. Colocalizes with APP in perinuclear compartments and with CP in intracellular compartments. Associates with fibrillar APP amyloid-beta peptides in lipid rafts in Alzheimer disease brains.; [Secreted glypican-1]: Secreted, extracellular space.
<b>Tissue Specificity</b>	Brain,Colon,Lung fibroblast,Salivary gland,
<b>Function</b>	function:Cell surface proteoglycan that bears heparan sulfate.,PTM:This cell-associated glypican is further processed to give rise to a medium-released species.,similarity:Belongs to the glypican family.,
<b>Background</b>	Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan

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family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. [provided by RefSeq, Jul 2008],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**