



GPC1 Polyclonal Antibody

Catalog No	YP-Ab-06938
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	GPC1
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	GPC1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	glypican;Glypican 1;glypican1;GPC1;Glypican-1 [Cleaved into: Secreted glypican-1]
Observed Band	65 kDa
Calculated Molecular Weight	558 aa, 62 kDa
Cell Pathway	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.
Tissue Specificity	Brain,Colon,Lung fibroblast,Salivary gland,
Function	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.,

Background

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 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