



Anti-GPC1 (aa 24-131) polyclonal antibody (DPAB-DC1409)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	GPC1 (NP_002072, 24 a.a. ~ 131 a.a) partial recombinant protein with GST tag. The sequence is DPASKSRSCGEVRQIYGAKGFSLSQAEISGEHLRICPQGYTCCTSEMEENLANRSHA ELETALRDSSRVLQAMLATQLRSFDDHFQHLNDSERTLQATFPGAFG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	GPC1 glypican 1 [Homo sapiens (human)]
Official Symbol	GPC1
Synonyms	GPC1; glypican 1; glypican; glypican-1; glypican proteoglycan 1;
Entrez Gene ID	2817
Protein Refseq	NP_002072
UniProt ID	P35052
Chromosome Location	2q35-q37
Pathway	A tetrasaccharide linker sequence is required for GAG synthesis; Axon guidance; Developmental Biology; Diseases associated with visual transduction
Function	copper ion binding; fibroblast growth factor binding; heparan sulfate proteoglycan binding; laminin binding