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## Datasheet for ABIN1713817 **anti-GPC2 antibody (AA 24-100)**

### Overview

Quantity:	100 µL
Target:	GPC2
Binding Specificity:	AA 24-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPC2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Glypican 2/GPC2
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	GPC2
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## Target Details

Alternative Name:	Glypican 2/GPC2 ( <a href="#">GPC2 Products</a> )
Background:	<p>Synonyms: Glypican-2, Gpc2, GPC2_HUMAN, Secreted glypican-2.</p> <p>Background: Glypican-1 (GPC1), glypican-2 (GPC2) and glypican-3 (GPC3) are members of the glypican family of heparan sulfate proteoglycans, which attach to the cell membrane via a glycosylphosphatidylinositol (GPI) anchor. Cell-surface heparan sulfate proteoglycans participate in molecular events that regulate cell adhesion, migration, and proliferation.</p> <p>Glypican-2, a cell surface proteoglycan bearing heparan sulfate, may have a function related to the motile behaviors of developing neurons. Ligation of cell-surface glypican-2 with midkine (MK) or an, against epitope-tagged glypican-2 induces cell adhesion and promotes neurite outgrowth. MK binds to heparan sulfate chains of glypican-2 in a manner similar to syndecan-3, but different localization of epitope-tagged glypican-2 and syndecan-3 on the surface of N2<sup>+</sup> cells suggests that they may play different roles in MK-mediated neural function.</p>
Gene ID:	221914
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

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	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months