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Datasheet for ABIN7154266  
**anti-GPC1 antibody (AA 342-530) (FITC)**

### Overview

Quantity:	100 µg
Target:	GPC1
Binding Specificity:	AA 342-530
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPC1 antibody is conjugated to FITC
Application:	Please inquire

### Product Details

Immunogen:	Recombinant Human Glypican-1 protein (342-530AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	GPC1
Alternative Name:	GPC1 ( <a href="#">GPC1 Products</a> )
Background:	Background: Cell surface proteoglycan that bears heparan sulfate. Binds, via the heparan sulfate side chains, alpha-4 (V) collagen and participates in Schwann cell myelination (By

## Target Details

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similarity). May act as a catalyst in increasing the rate of conversion of prion protein PRPN(C) to PRNP(Sc) via associating (via the heparan sulfate side chains) with both forms of PRPN, targeting them to lipid rafts and facilitating their interaction. Required for proper skeletal muscle differentiation by sequestering FGF2 in lipid rafts preventing its binding to receptors (FGFRs) and inhibiting the FGF-mediated signaling.

Aliases: FLJ38078 antibody, glypican antibody, Glypican proteoglycan 1 antibody, glypican1 antibody, GPC 1 antibody, Gpc1 antibody, GPC1\_HUMAN antibody, Secreted glypican-1 antibody

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UniProt: [P35052](#)

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Pathways: [Glycosaminoglycan Metabolic Process](#), [Regulation of Muscle Cell Differentiation](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.