# antibodies - online.com







# anti-GPC1 antibody (AA 342-530)

**Images** 



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|     |                    |            |                |

| Quantity:            | 100 μg   |
|----------------------|--|
| Target:              | GPC1   |
| Binding Specificity: | AA 342-530   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This GPC1 antibody is un-conjugated                        |
| Application:         | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

# **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 (GPC1 Products)   |  |
| 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 |  |

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

UniProt: P35052

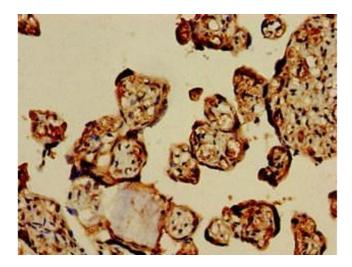
Pathways: Glycosaminoglycan Metabolic Process, Regulation of Muscle Cell Differentiation

# **Application Details**

| Application Notes: | Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200, |
|--------------------|--|
| Restrictions:      | For Research Use only                                |

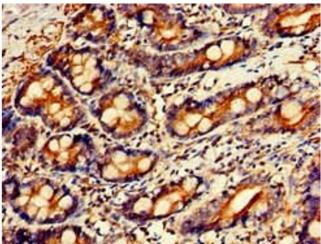
#### Handling

| Format:            | Liquid  |  |
|--------------------|---|--|
| Buffer:            | Preservative: 0.03 % Proclin 300<br>Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4                                |  |
| Preservative:      | ProClin   |  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |  |
| Storage:           | -20 °C,-80 °C   |  |
| Storage Comment:   | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.   |  |



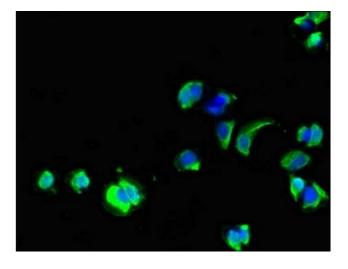
# **Immunohistochemistry**

**Image 1.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7154264 at dilution of 1:100



#### **Immunohistochemistry**

**Image 2.** Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7154264 at dilution of 1:100



# Immunofluorescence

**Image 3.** Immunofluorescent analysis of MCF-7 cells using ABIN7154264 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)