

## Rabbit anti-Human, Mouse GPC3 Polyclonal Antibody | anti-GPC3 antibody

GPC3 Polyclonal Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA175767</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

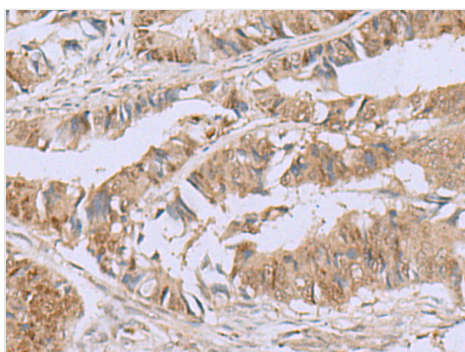
### PRODUCT SYNONYMS

GPC3; Polyclonal Antibody; GPC3 Polyclonal Antibody; DGSX; Glypican proteoglycan 3; Glypican-3 [Precursor]; Gpc3; GTR2 2; GTR2-2; Heparan sulphate proteoglycan; Intestinal protein OCI 5; Intestinal protein OCI-5; MXR7; OCI 5; OCI-5; OCI5; SDYS; Secreted glypican-3; SGB; SGBS; SGBS1; anti-GPC3 antibody

### PRODUCT SPECIFICATIONS

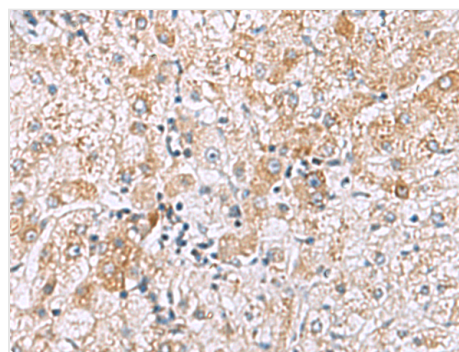
|                                                |                                                  |
|------------------------------------------------|--------------------------------------------------|
| Host                                           | Rabbit                                           |
| Reactivity                                     | Human, Mouse                                     |
| Clonality                                      | Polyclonal                                       |
| Isotype                                        | IgG                                              |
| Purity/Purification                            | Antigen Affinity Purification                    |
| Form/Format                                    | PBS with 0.05% NaN3 and 40% Glycerol, pH7.4      |
| Concentration                                  | 0.84mg/mL (varies by lot)                        |
| Sequence Length                                | 526                                              |
| Applicable Applications for anti-GPC3 antibody | ELISA, IHC (Immunohistochemistry)                |
| Immunogen                                      | Synthetic peptide of human GPC3                  |
| Conjugation                                    | Unconjugated                                     |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using GPC3 Polyclonal Antibody at dilution of 1:30(×200)



**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using GPC3 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GPC3 antibody | 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. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-GPC3 antibody   | Cancer; Developmental Biology; Signal Transduction; Stem Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                   |
|----------------------------------|---------------------------------------------------|
| NCBI GI #                        | 257471010                                         |
| NCBI GeneID                      | 2719                                              |
| NCBI Accession #                 | NP_001158091.1                                    |
| NCBI GenBank Nucleotide #        | NP_001158091.1                                    |
| UniProt Accession #              | P51654                                            |
| NCBI Official Full Name          | glypican-3 isoform 4                              |
| NCBI Official Synonym Full Names | glypican 3                                        |
| NCBI Official Symbol             | GPC3                                              |
| NCBI Official Synonym Symbols    | SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2 |
| NCBI Protein Information         | glypican-3                                        |
| UniProt Protein Name             | Glypican-3                                        |
| UniProt Gene Name                | GPC3                                              |
| UniProt Synonym Gene Names       | OCI5                                              |
| UniProt Entry Name               | GPC3_HUMAN                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gpc3-antibody-immunohistochemistry-elisa/175767>