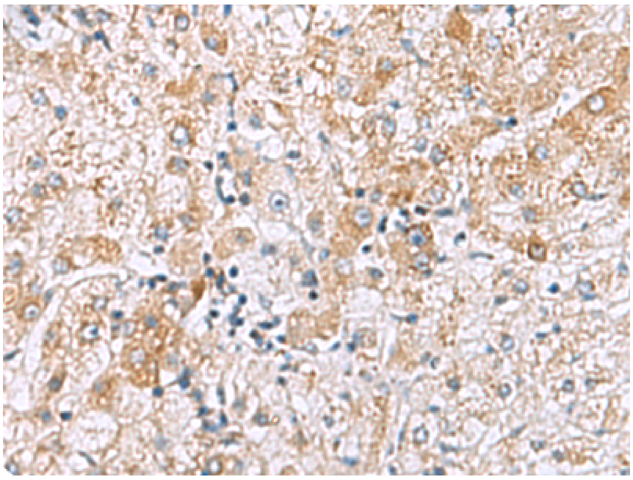
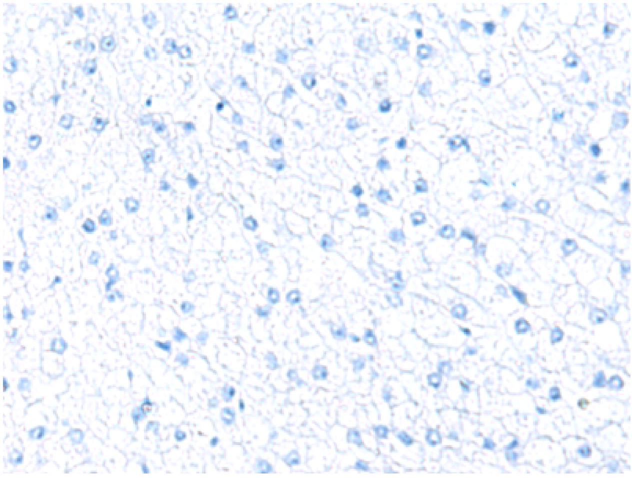
GPC3 RABBIT PAB

Cat.#: S221344
Product Name: Anti-GPC3 Rabbit Polyclonal Antibody
Synonyms: SGB; DGSX; MXR7; SDYS; SGBS; OCI-5; SGBS1; GTR2-2
UNIPROT ID: P51654 (Gene Accession - NP_004475)
Background: 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.
Immunogen: Synthetic peptide of human GPC3
Applications: ELISA, IHC
Recommended Dilutions: IHC: 25-100; ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction, Cancer
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

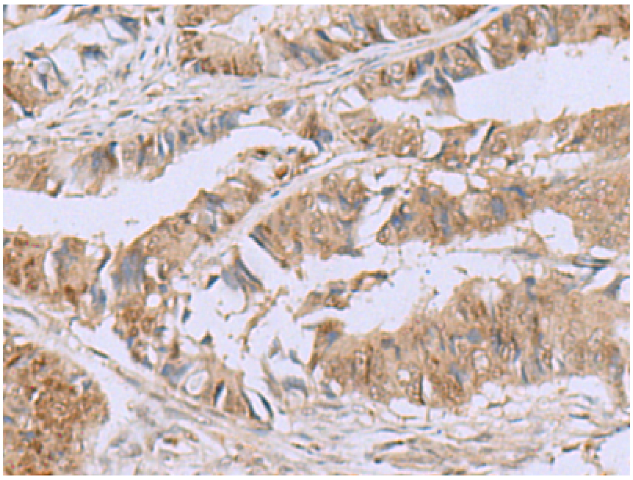
Product Description



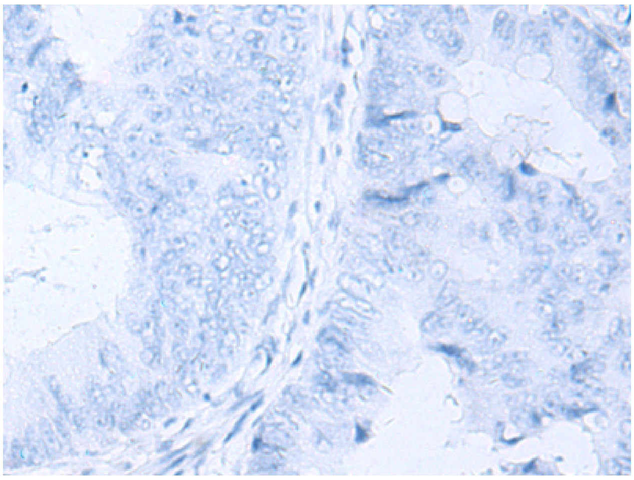
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 221344(GPC3 Antibody) at a dilution of 1/30(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 221344(Anti-GPC3 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 221344(Anti-GPC3 Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with synthetic peptide and then with D262896(Anti-GPC3 Antibody) at dilution 1/30.