

Rabbit anti-Human GPC3 Polyclonal Antibody | anti-GPC3 antibody

GPC3 Antibody (C-term)

CATALOG # AAA284472	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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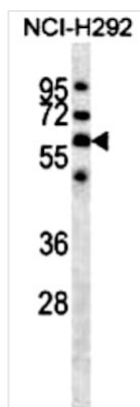
PRODUCT SYNONYMS

GPC3; Polyclonal Antibody; GPC3 Antibody (C-term); Glypican-3; GTR2-2; Intestinal protein OCI-5; MXR7; Secreted glypican-3; OCI5; anti-GPC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GPC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 465-494 amino acids from the C-terminal region of human GPC3.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	465-494
Sequence Length	603
Applicable Applications for anti-GPC3 antibody	ELISA, WB (Western Blot)
Tissue Specificity	Highly expressed in lung , liver, and kidney
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

GPC3 Antibody (C-term) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the GPC3 antibody detected the GPC3 protein (arrow).

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
References	Lai, J.P., et al. Hepatology 52(5):1680-1689(2010) Sakurai, M., et al. Gynecol. Oncol. 119(2):332-336(2010) Zynger, D.L., et al. Histopathology 56(6):750-757(2010) Davoodi, J., et al. Proteomics 7(13):2300-2310(2007) Hsu, H.C., et al. Cancer Res. 57(22):5179-5184(1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	257471006
NCBI GeneID	2719
NCBI Accession #	NP_001158089.1; NP_001158091.1; NP_004475.1
NCBI GenBank Nucleotide #	NM_001164617.1
UniProt Accession #	P51654; Q2L880; Q2L882; C9JLE3; G3V1R0
Molecular Weight	65563
NCBI Official Full Name	glypican-3 isoform 1
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.