

GPC3 recombinant antibody

GPC3 Antibody

CATALOG # AAA235549	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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PRODUCT SYNONYMS

GPC3; Monoclonal Recombinant Antibody; GPC3 Antibody; Glypican-3; GTR2-2; Intestinal protein OCI-5; MXR7; Secreted glypican-3; OCI5; GPC3 recombinant antibody

PRODUCT SPECIFICATIONS

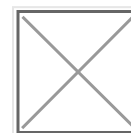
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	4H11
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	603
Applicable Applications for GPC3 recombinant antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from human GPC3
Research Area	Stem Cells
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA235549 at 1:30, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)

Western Blot Positive WB detected in: 293 whole cell lysate, K562 whole cell lysate All lanes: GPC3 antibody at 0.9ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 66, 60, 69 KDa Observed band size: 66 KDa

ADDITIONAL INFORMATION

Related Product Information for GPC3 recombinant antibody	Cell surface proteoglycan that bears heparan sulfate. Inhibits the dipeptidyl peptidase activity of DPP4. May be involved in the suppression/modulation of growth in the predominantly mesodermal tissues and organs. May play a role in the modulation of IGF2 interactions with its receptor and thereby modulate its function. May regulate growth and tumor predisposition. Description: The GPC3 recombinant monoclonal antibody is prepared by cloning the gene fragment encoding human GPC3 protein into the expression vector and subsequently transfecting clones into the cell line for in vitro expression. This GPC3 antibody can detect the endogenous content of the human GPC3 protein. It is purified by the affinity chromatography method. And it has been validated in ELISA, WB, and IF applications. GPC3 is a cell-surface glycoprotein that exerts important functions in cellular signaling including cell growth, embryogenesis, and differentiation. GPC3 has been associated with hepatocellular carcinoma and a few other cancers.
Product Categories/Family for GPC3 recombinant antibody	Recombinant Antibody; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	257471006
NCBI GeneID	2719
NCBI Accession #	NP_001158089.1
NCBI GenBank Nucleotide #	NM_001164617.1
UniProt Accession #	P51654; Q2L880; Q2L882; C9JLE3; G3V1R0
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

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/monoclonal/gpc3-recombinant-antibody-clone-4h11-immunofluorescence-western-blot-elisa/235549>