

Rabbit GPC3 Polyclonal Antibody | anti-GPC3 antibody

GPC3 Antibody

CATALOG # AAA326474	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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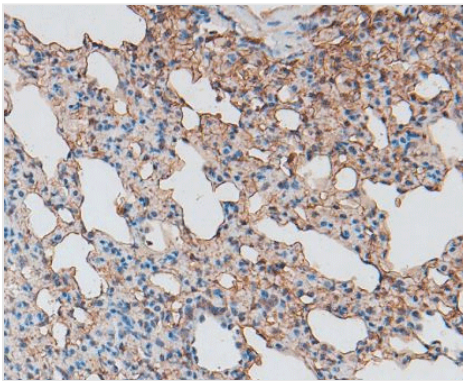
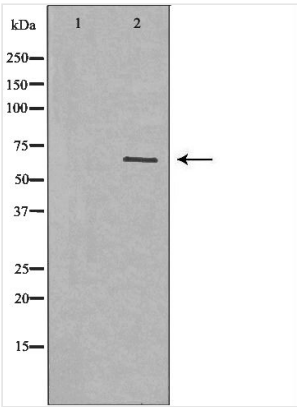
PRODUCT SYNONYMS

GPC3; Polyclonal Antibody; GPC3 Antibody; DGSX; Glypican proteoglycan 3; Glypican-3 [Precursor]; Gpc3; GPC3_HUMAN; 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, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GPC3 antibody detects endogenous levels of total GPC3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	603
Applicable Applications for anti-GPC3 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GPC3
Subcellular Location	Cell Membrane and Secreted > Extracellular Space.
Tissue Specificity	Highly expressed in lung, liver and kidney.
Predicted Cross Reactivity	Zebrafish, Bovine, Horse, Rabbit, Dog, Chicken
Similarity	Zebrafish (90%), Bovine (100%), Horse (100%), Rabbit (100%), Dog (100%), Chicken (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326474 at 1/200 staining mouse lung tissue sections by IHC-P.

WB (Western Blot)
Western blot analysis of extracts of lung tissue, using GPC3 antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GPC3 antibody	Function: 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. Subunit Structure: Interacts with DPP4. Similarity: Belongs to the glypican family.
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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
Molecular Weight	Observed: 66 kDa Predicted: 66 kDa
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.