

Rabbit GPC4 / Glypican 4 Polyclonal Antibody | anti-GPC4 antibody

Rabbit Polyclonal to Human GPC4 / Glypican 4

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50822	Rabbit	Bat, Gibbon, Gorilla, Hamster, Human, Mouse, Rat Predicted Reactivity: Monkey, Dog, Rabbit (at least 90% immunogen sequence identity)	Immunohistochemistry

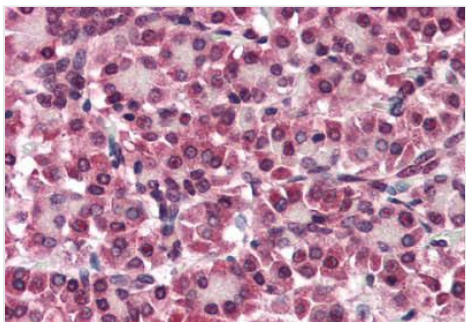
PRODUCT SYNONYMS

GPC4 / Glypican 4; Polyclonal Antibody; Rabbit Polyclonal to Human GPC4 / Glypican 4; Anti-GPC4 / Glypican 4 Antibody (Internal) IHC-plus; GPC4; DJ900E8.1 (glypican 4); Glypican 4; Glypican proteoglycan 4; Glypican-4; K-glypican; Human GPC4; anti-GPC4 antibody

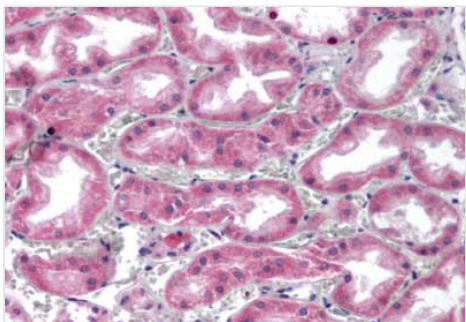
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Bat, Gibbon, Gorilla, Hamster, Human, Mouse, Rat Predicted Reactivity: Monkey, Dog, Rabbit (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GPC4 / Glypican 4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	556
Applicable Applications for anti-GPC4 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from internal region of human GPC4 / Glypican 4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Bat, Hamster (100%); Marmoset, Dog, Elephant, Panda, Rabbit (94%).
Immunogen Type	Synthetic peptide
Immunogen	GPC4 / Glypican 4 antibody was raised against synthetic 16 amino acid peptide from internal region of human GPC4 / Glypican 4. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Mouse, Rat, Bat, Hamster (100%); Marmoset, Dog, Elephant, Panda, Rabbit (94%); Bovine, Horse, Pig (88%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GPC4 / Glypican 4 antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GPC4 / Glypican 4 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GPC4 antibody	Glypican 4 belongs to the glypican family of heparin sulfate proteoglycans (HSPGs) that are anchored to cell membranes by a glycosylphosphatidylinositol linkage. Glypicans may play a role in the control of cell division and growth regulation. Glypican 4 has been shown to be a receptor for endostatin a known potent antiangiogenic protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21614525
NCBI GeneID	2239
NCBI Accession #	NP_001439.2
NCBI GenBank Nucleotide #	NM_001448.2
UniProt Accession #	O75487; Q6ZMA6; Q96L43; Q9NU08; Q9UJN1; Q9UPD9; B2R6J7; B4E2C0
Molecular Weight	54,910 Da
NCBI Official Full Name	glypican-4
NCBI Official Synonym Full Names	glypican 4
NCBI Official Symbol	GPC4
NCBI Official Synonym Symbols	K-glypican
NCBI Protein Information	glypican-4; dJ900E8.1 (glypican 4); glypican proteoglycan 4
UniProt Protein Name	Glypican-4
UniProt Gene Name	GPC4
UniProt Entry Name	GPC4_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.