Rabbit Glypican 2 Polyclonal Antibody | anti-GPC2 antibody

Glypican 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328975	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Immunocytochemistry, Immunofluorescence, Western Blot, ELISA**

PRODUCT SYNONYMS

Glypican 2; Polyclonal Antibody; Glypican 2 Antibody; Glypican-2; Gpc2; GPC2_HUMAN; Secreted glypican-2; anti-GPC2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Glypican 2 Antibody detects endogenous levels of total Glypican 2.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	579
Applicable Applications for anti-GPC2 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	A synthesized peptide derived from human Glypican 2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES

IHC (Immunohistochemisry)
AAA328975 at 1/100 staining Mouse heart tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibod

IF (Immunofluorescence)
AAA328975 staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25Â°C. Samples were then incubated with primary Ab(AAA328975) and mouse anti-beta tubulin Ab for 1 hour at 37Â°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.The nuclear counter stain is DAPI (blue).

WB (Western Blot)
Western blot analysis of extracts from T47D, using Glypican 2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-GPC2 antibody	Function: Cell surface proteoglycan that bears heparan sulfate. May fulfill a function related to the motile behaviors of developing neurons (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	22749459
NCBI GeneID	221914
NCBI Accession #	NP_689955.1
NCBI GenBank Nucleotide #	NP_689955.1
UniProt Accession #	Q8N158
Molecular Weight	Observed Molecular Weight: (Observed)62kD. Predicted Molecular Weight: (Calculated)63kDa.
NCBI Official Full Name	glypican-2
NCBI Official Synonym Full Names	glypican 2
NCBI Official Symbol	GPC2
NCBI Protein Information	glypican-2
UniProt Protein Name	Glypican-2
UniProt Gene Name	**GPC2**
UniProt Entry Name	GPC2_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.

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