

Anti-Glypican 5 Antibody

Catalog # AP59554

Product Information

Application	WB, IF/IC
Primary Accession	P78333
Reactivity	Human, Mouse, Rat, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63707

Additional Information

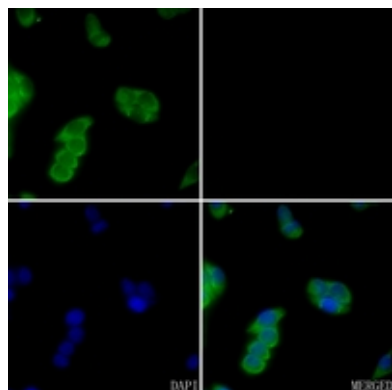
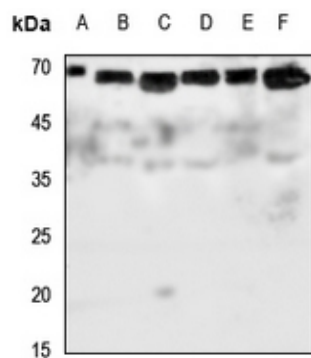
Gene ID	2262
Other Names	Glypican-5
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Glypican 5. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	GPC5
Function	Cell surface proteoglycan that bears heparan sulfate.
Cellular Location	Cell membrane; Lipid-anchor, GPI- anchor; Extracellular side
Tissue Location	In adult, primarily expressed in the brain. Also detected in fetal brain, lung and liver.

Images

Western blot analysis of Glypican 5 expression in Hela (A), mouse brain (B), mouse lung (C), mouse liver (D), rat brain (E), rat lung (F) whole cell lysates. (Predicted band size: 63 kD; Observed band size: 70 kD)



Immunofluorescent analysis of Glypican 5 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.