产品名称：Glypican-3 Rabbit Polyclonal Antibody
产品货号：APRab11522

产品概述（Summary）

产品名称（Production Name）	Glypican-3 Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ICC/IF,ELISA
种属反应性（Reactivity）	Human,Mouse,Rat

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	GPC3
别名（Alternative Names）	GPC3; OCI5; Glypican-3; GTR2-2; Intestinal protein OCI-5; MXR7
基因 ID（Gene ID）	2719.0
蛋白 ID（SwissProt ID）	P51654.The antiserum was produced against synthesized peptide derived from the Internal region of human GPC3. AA range:461-510

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量（Molecular Weight）	70kDa

研究背景（Background）

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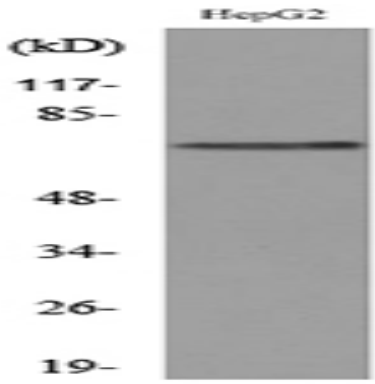
Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2009],disease:Defects in GPC3 are the cause of Simpson-Golabi-Behmel syndrome (SGBS) [MIM:312870]; also known as Simpson dysmorphia syndrome (SDYS). SGBS is a condition characterized by pre- and postnatal overgrowth (gigantism) with visceral and skeletal anomalies.,function:Cell surface proteoglycan that bears heparan sulfate.,function:Cell surface proteoglycan that bears heparan sulfate. 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.,similarity:Belongs to the glypican family.,tissue specificity:Highly expressed in lung, liver and kidney.,

研究领域（Research Area）

图片（Image Data）



Western blot analysis of lysate from HepG2 cells, using GPC3 Antibody.

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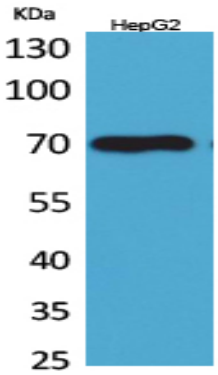
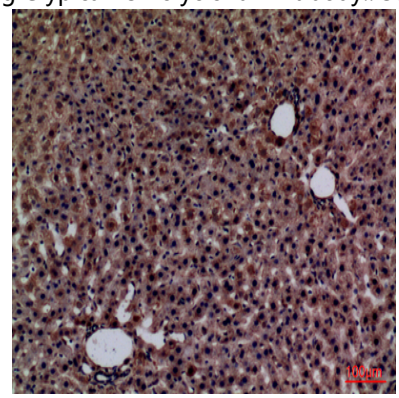


Western Blot analysis of HepG2 cells using Glypican-3 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded rat-liver, antibody was diluted at 1:100

注意事项（Note）

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