À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Glypican 1

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:16700-1-AP Phare 17 Publications

Informations de base

Numéro de catalogue:
16700-1-AP

Taille:
150ul , Concentration: 350 μg/ml by Nanodrop and 333 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG10095

Numéro d'acquisition GenBank:
BC051279

Identification du gène (NCBI):
2817

Nom complet:
glypican 1

MW calculé
558 aa, 62 kDa

MW observés:
65 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500

Applications

Applications testées:
IHC, IP, WB, ELISA

Demandes citées:
CoIP, IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HepG2,

IP : cellules BxPC-3,

IHC : tissu de cancer du pancréas humain,

Informations générales

Glypicans are a family of HSPGs that are attached to the cell membrane by a glycosyl-phosphatidylinositol anchor. Glypicans are considered to have the ability to modulate the activities of HBGFs. The expression of glypicans is regulated temporally and spatially during development, suggesting they are involved in development and morphogenesis. To date, six glypicans (GPC1 to GPC6) have been identified in mammals. GPC1 is most ubiquitously expressed in adult tissues. GPC1 promotes efficient signaling by HBGFs and plays a critical role in cell growth and differentiation. GPC1 is involved in tumorigenesis and angiogenesis, and is frequently overexpressed in several types of tumors including pancreatic carcinoma, breast cancer and glioma.

Publications notables

Autrice	Pubmed ID	Journal	Application
Ying Liu	36158119	Comput Math Methods Med	IHC
Steven Woods	30193893	Matrix Biol	WB
Anne Marie W Bartosch	34059731	Sci Rep	WB

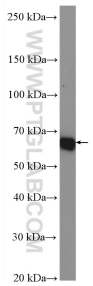
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

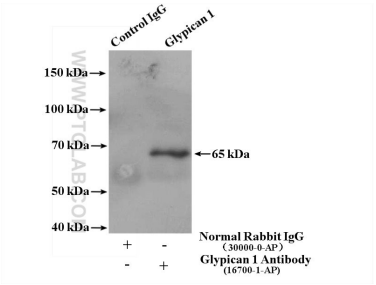
*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

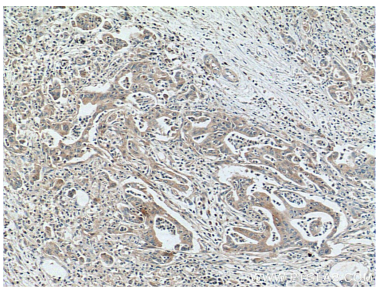
Données de validation sélectionnées



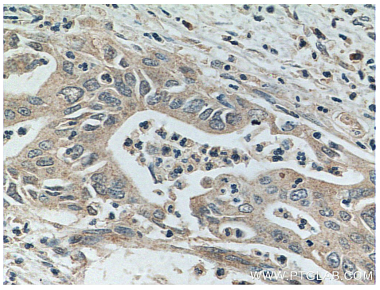
HepG2 cells were subjected to SDS PAGE followed by western blot with 16700-1-AP (Glypican 1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-Glypican 1 (IP:16700-1-AP, 4ug; Detection:16700-1-AP 1:600) with BxPC-3 cells lysate 3100 ug.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 16700-1-AP (Glypican 1 antibody) at dilution of 1:100 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer tissue slide using 16700-1-AP (Glypican 1 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).