

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Glypican 3



Numéro de catalogue: 25175-1-AP

10 Publications

Informations de base

Numéro de catalogue:

25175-1-AP

Taille:

150ul, Concentration: 550 µg/ml by Nanodrop and 367 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG10129

Numéro d'acquisition GenBank:

BC035972

Identification du gène (NCBI):

2719

Nom complet:

glypican 3

MW calculé

580 aa, 66 kDa

MW observés:

66 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

Applications

Applications testées:

WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, souris

Contrôles positifs:

WB : cellules HepG2, cellules HEK-293

Informations générales

Glypicans (GPCs) are a family of glycosylphosphatidylinositol (GPI)-anchored heparan sulphate proteoglycans (HSPGs) that may play a role in the control of cell division and growth regulation. In mammals, there are six GPCs (GPC1 to GPC6), all of which have a similar core-protein size of approx. 60 kDa and the clustering of glycosaminoglycan attachment site near the C-terminus. They are tethered to the cell surface by GPI linkages, which can be cleaved by endogenous phospholipases, thus releasing the protein. Glypican 3 (GPC3) is highly expressed in many tissues during development and plays an important role in the regulation of embryonic growth (PMID: 22467855). Loss-of-function mutations of GPC3 result in the Simpson-Golabi-Behmel overgrowth syndrome (SGBS), and Gpc-3 null mice display developmental overgrowth (PMID: 8589713; 18477453). In hepatocellular carcinoma (HCC), the overexpression of glypican 3 has been demonstrated to be a reliable diagnostic indicator (PMID: 19212669; 22706665). The calculated molecular weight of native glypican 3 is 66 kDa, glycanated forms of glypican 3 have higher molecular weights than 66 kDa (PMID: 12851874; 16024626; 19574424).

Publications notables

Autrice	Pubmed ID	Journal	Application
Xiaoqing Zheng	28965082	Redox Biol	WB
Samuel C Mok	36139670	Cancers (Basel)	WB
Yuhei Iwasa	36359563	Diagnostics (Basel)	IHC

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.

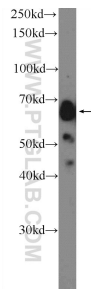
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E: proteintech@ptglab.com
W: ptglab.com

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Données de validation sélectionnées



HEK-293 cells were subjected to SDS PAGE followed by western blot with 25175-1-AP (Glypican 3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.

HepG2 cells were subjected to SDS PAGE followed by western blot with 25175-1-AP (Glypican 3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.