

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-LGALS3BP



Numéro de catalogue: 10281-1-AP

Phare

18 Publications

Informations de base

Numéro de catalogue:

10281-1-AP

Taille:

150ul, Concentration: 450 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG0294

Numéro d'acquisition GenBank:

BC002403

Identification du gène (NCBI):

3959

Nom complet:

lectin, galactoside-binding, soluble, 3 binding protein

MW calculé

585 aa, 65 kDa

MW observés:

65-90 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

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 HeLa, cellules A549, cellules COLO 320, cellules HEK-293, cellules HepG2, tissu cérébral humain foetal, tissu de lait humain, tissu plasmatique humain

IP : cellules HepG2, cellules HEK-293

IHC : tissu de cancer de l'oesophage humain, tissu de cancer du sein humain

IF : cellules HepG2,

Informations générales

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-3-binding protein (LGALS3BP, also known as 90K or Mac-2 BP) is a secreted glycoprotein which binds galectin-3, galectin-1, beta1 integrins, collagens and fibronectin (PMID: 8034587; 8024581; 11146440; 9501082). It has been implicated in tumor metastatic processes, as well as in other cell adhesion and immune functions. Levels of LGALS3BP have been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV) (PMID: 7698018). Western analysis suggests that LGALS3BP is found in breast milk, semen, saliva, urine, and tears, in addition to serum (PMID: 8390986).

Publications notables

Autrice	Pubmed ID	Journal	Application
Kei Hagiwara	35586893	J Hepatobiliary Pancreat Sci	IHC,IF
Hongtao Zhu	35814469	Front Oncol	WB,IHC
Chunqing Wang	32572027	Nat Commun	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.

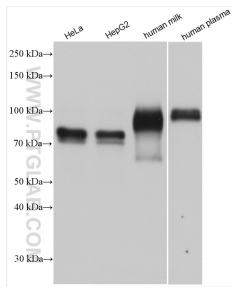
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

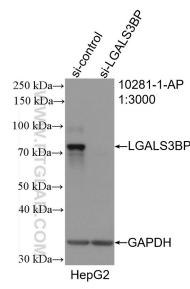
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

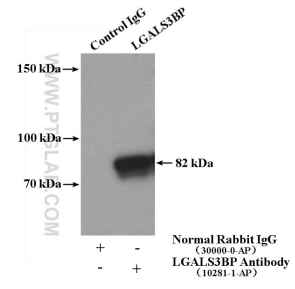
Données de validation sélectionnées



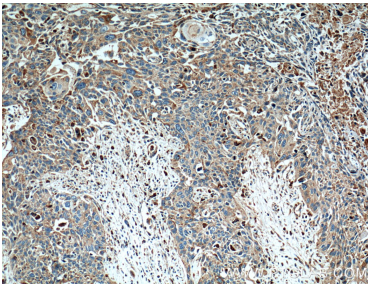
Various lysates were subjected to SDS PAGE followed by western blot with 10281-1-AP (LGALS3BP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



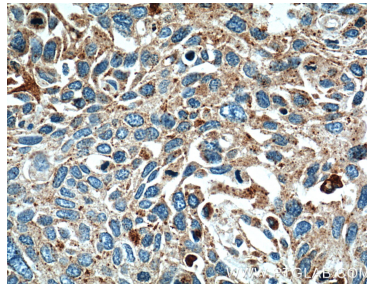
WB result of LGALS3BP antibody (10281-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LGALS3BP transfected HepG2 cells.



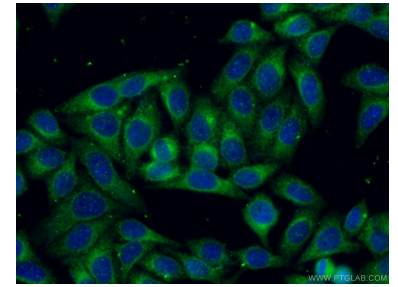
IP Result of anti-LGALS3BP (IP:10281-1-AP, 4ug; Detection:10281-1-AP 1:300) with HepG2 cells lysate 3480ug.



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 10281-1-AP (LGALS3BP Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 10281-1-AP (LGALS3BP Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 10281-1-AP (LGALS3BP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).