

Nur für Forschungszwecke

# LGALS3BP Polyklonaler Antikörper

Katalog-Nr.:10281-1-AP

Vorgestelltes Produkt

18 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 10281-1-AP	<b>GenBank-Zugangsnummer:</b> BC002403	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 450 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 3959	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> lectin, galactoside-binding, soluble, 3 binding protein	<b>IHC 1:50-1:500</b> <b>IF 1:50-1:500</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 585 aa, 65 kDa	
<b>Immunogen Katalognummer:</b> AG0294	<b>Beobachtete Masse:</b> 65-90 kDa	

## Anwendungen

### Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

### In Publikationen genannte Anwendungen:

IF, IHC, WB

### Getestete Reaktivität:

Human

### Zitierte Arten:

Human, Maus

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

### Positivkontrollen:

**WB:** HeLa-Zellen, A549-Zellen, COLO 320-Zellen, fetales humanes Hirngewebe, HEK-293-Zellen, HepG2-Zellen, humanes Milch-Gewebe, humanes Plasmagewebe

**IP:** HepG2-Zellen, HEK-293-Zellen

**IHC:** humanes Ösophaguskarzinomgewebe, humanes Mammakarzinomgewebe

**IF:** HepG2-Zellen,

## Hintergrundinformationen

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).

## Bemerkenswerte Veröffentlichungen

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

## Lagerung

### Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

### Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

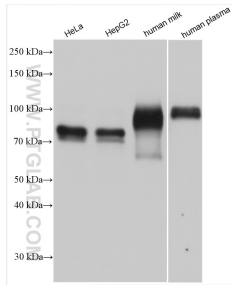
For technical support and original validation data for this product please contact:

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

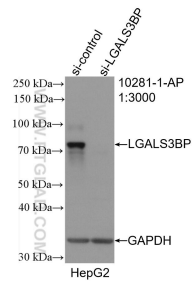
E: proteintech@ptglab.com  
W: ptglab.com

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

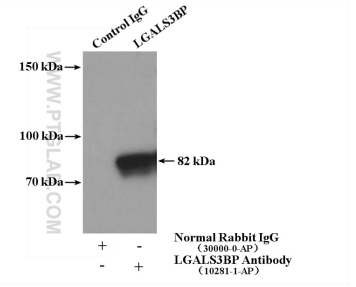
## Ausgewählte Validierungsdaten



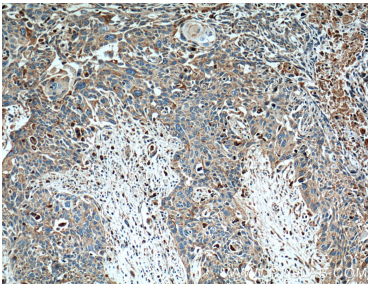
Various lysates were subjected to SDS PAGE followed by western blot with 10281-1-AP (LGALS3BP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



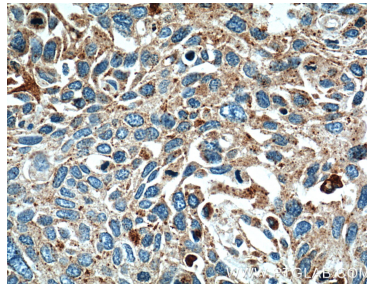
WB result of LGALS3BP antibody (10281-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LGALS3BP transfected HepG2 cells.



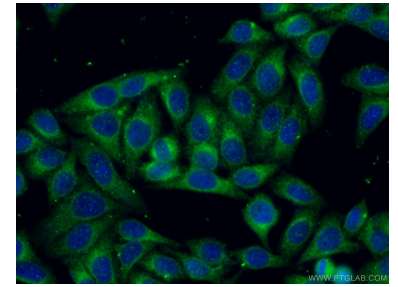
IP Result of anti-LGALS3BP (IP:10281-1-AP, 4ug; Detection:10281-1-AP 1:300) with HepG2 cells lysate 3480ug.



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).