

Datasheet for ABIN1881492

**anti-LGALS3BP antibody (AA 383-412)****3** Images**5** Publications[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	LGALS3BP
Binding Specificity:	AA 383-412
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGALS3BP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This LGALS3BP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 383-412 amino acids from the Central region of human LGALS3BP.
Clone:	RB40516
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	LGALS3BP
Alternative Name:	LGALS3BP ( <a href="#">LGALS3BP Products</a> )
Background:	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-

## Target Details

cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1.

NCBI Accession: [NP\\_005558](#)

UniProt: [Q08380](#)

## Application Details

Application Notes: WB: 1:2000. WB: 1:2000. IHC-P-Leica: 1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Expiry Date: 6 months

## Publications

Product cited in: Srirajaskanthan, Caplin, Waugh, Watkins, Meyer, Hsuan, Beaumont: "Identification of Mac-2-binding protein as a putative marker of neuroendocrine tumors from the analysis of cell line secretomes." in: **Molecular & cellular proteomics : MCP**, Vol. 9, Issue 4, pp. 656-66, (2010) ([PubMed](#)).

Davila, Froeling, Tan, Bonnard, Boland, Snippe, Hibberd, Seielstad: "New genetic associations detected in a host response study to hepatitis B vaccine." in: **Genes and immunity**, Vol. 11, Issue 3, pp. 232-8, (2010) ([PubMed](#)).

Zambelli, Zuntini, Nardi, Manara, Serra, Landuzzi, Lollini, Ferrari, Alberghini, Llombart-Bosch, Piccolo, Iacobelli, Picci, Scotlandi: "Biological indicators of prognosis in Ewing's sarcoma: an emerging role for lectin galactoside-binding soluble 3 binding protein (LGALS3BP)." in:

**International journal of cancer. Journal international du cancer**, Vol. 126, Issue 1, pp. 41-52, (2009) ([PubMed](#)).

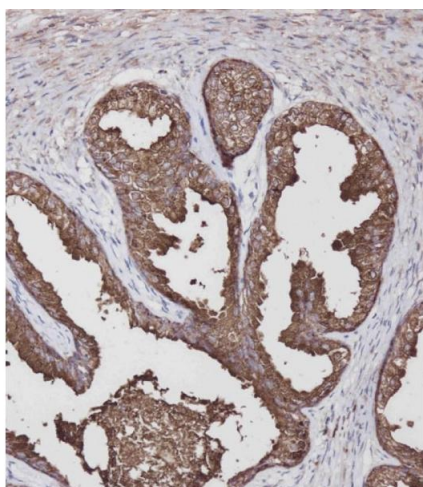
Lee, Zhang, Shin, Lee, Kim: "Mac-2 binding protein and galectin-3 expression in mucinous tumours of the ovary: an annealing control primer system and immunohistochemical study." in:

**Pathology**, Vol. 41, Issue 3, pp. 229-33, (2009) ([PubMed](#)).

Kim, Lee, Sung, Choi, Choi, Kim, Kim, Yu, Hwang, Kim: "Increased serum 90K and Galectin-3 expression are associated with advanced stage and a worse prognosis in diffuse large B-cell lymphomas." in: **Acta haematologica**, Vol. 120, Issue 4, pp. 211-6, (2009) ([PubMed](#)).

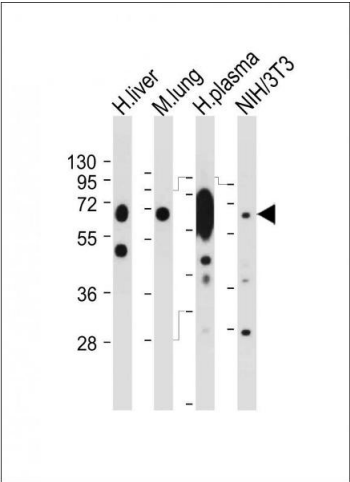
## Images

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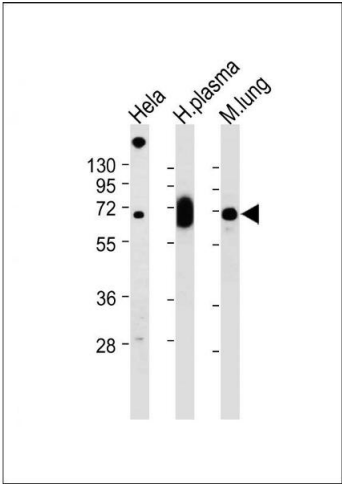
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of C on paraffin-embedded Human prostate tissue was performed on the Leica®BOND RXm. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH 9.0). Samples were incubated with primary Antibody (1:100) for 15 min at room temperature. Leica Bond Polymer Refine Detection was used as the secondary antibody.



Western Blotting

**Image 2.** All lanes : Anti-LGALS3BP Antibody (Center) at 1:2000 dilution Lane 1: Human liver tissue lysate Lane 2: Mouse lung tissue lysate Lane 3: Human plasma tissue lysate Lane 4: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

**Image 3.** All lanes : Anti-LGALS3BP Antibody (Center) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: Human plasma lysate Lane 3: Mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.