

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-Galectin-9



Numéro de catalogue: 17938-1-AP

Phare

9 Publications

## Informations de base

Numéro de catalogue:

17938-1-AP

Taille:

150ul, Concentration: 300 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG12209

Numéro d'acquisition GenBank:

BC110340

Identification du gène (NCBI):

3965

Nom complet:

lectin, galactoside-binding, soluble, 9

MW calculé

323 aa, 36 kDa

MW observés:

45 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

IF 1:50-1:500

## Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IHC, IP, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules U-937, cellules HeLa, cellules HepG2, cellules HL-60, cellules NIH/3T3, cellules SGC-7901

IP : cellules SGC-7901,

IF : cellules HeLa,

## Informations générales

The galectins, formerly known as S-type lectins, are a family of  $\beta$ -galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-9 (LGALS9) is a tandem repeat-type member of the galectin family. It has three isoforms (named galectin-9L, galectin-9M, and galectin-9S): long type of 355 amino acids, medium type of 323 amino acids, and short type of 311 amino acids. Galectin-9 is ubiquitously expressed in a variety of tissues, including lymph nodes and spleen, and overexpressed in Hodgkin disease tissue. It is involved in chemoattraction, apoptosis, and the regulation of cell differentiation and has anti-allergic effects. It has been reported that galectin-9 is a ligand for Tim-3, through which galectin-9 can induce T-helper type 1 lymphocyte (Th1) death.

## Publications notables

| Autrice      | Pubmed ID | Journal            | Application |
|--------------|-----------|--------------------|-------------|
| Junyu Fan    | 30223894  | Stem Cell Res Ther | WB          |
| Jiaxing Yang | 24919464  | Int J Oncol        |             |
| Qi Zhang     | 36435292  | J Nutr Biochem     | 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.

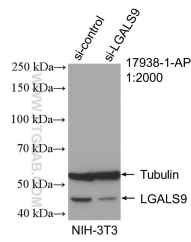
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T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

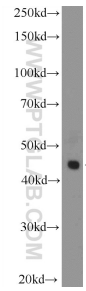
E: proteintech@ptglab.com  
W: ptglab.com

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

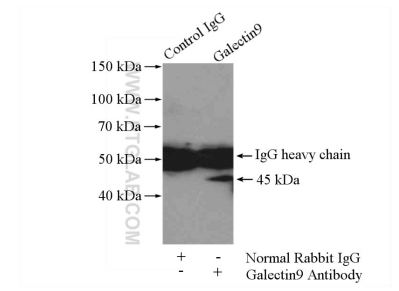
## Données de validation sélectionnées



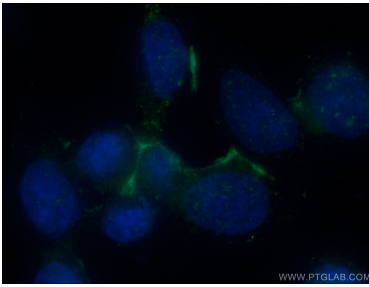
WB result of Galectin 9 antibody (17938-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Galectin 9 transfected NIH/3T3 cells.



U-937 cells were subjected to SDS PAGE followed by western blot with 17938-1-AP (Galectin 9 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP Result of anti-Galectin 9 (IP:17938-1-AP, 4ug; Detection:17938-1-AP 1:500) with SGC-7901 cells lysate 2400ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 17938-1-AP (Galectin 9 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).