

For Research Use Only

# Galectin-7 Polyclonal antibody, PBS Only

Catalog Number: 16730-1-PBS



## Basic Information

Catalog Number:

16730-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10188

GenBank Accession Number:

BC073743

GeneID (NCBI):

653499

UNIPROT ID:

P47929

Full Name:

lectin, galactoside-binding, soluble,  
7B

Calculated MW:

136 aa, 15 kDa

Observed MW:

14-15 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for  $\beta$ -galactose-containing oligosaccharides (PMID: 8063692). Galectin-7 contains one carbohydrate recognition domain (CRD) and is biologically active as monomer. It is mainly expressed in stratified epithelium, especially in epidermis. Alterations of galectin-7 expression during cancer progression have been reported. Galectin-7 is involved in epithelial differentiation and development and may have a role in tumour development (PMID: 16429325).

## Storage

Storage:

Store at  $-80^{\circ}\text{C}$ .

**The product is shipped with ice packs. Upon receipt, store it immediately at  $-80^{\circ}\text{C}$**

Storage Buffer:

PBS only, pH7.3

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

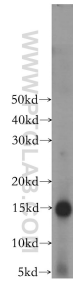
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

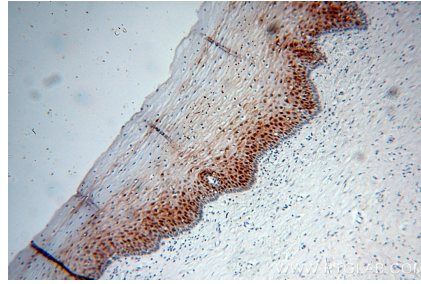
W: [ptgcn.com](http://ptgcn.com)

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

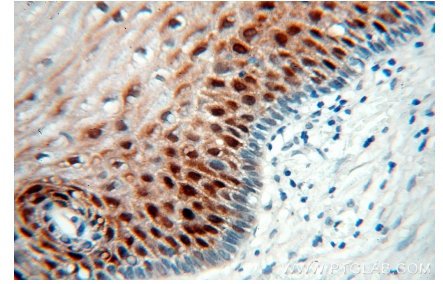
## Selected Validation Data



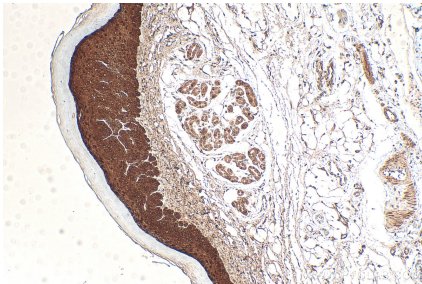
mouse skin tissue were subjected to SDS PAGE followed by western blot with 16730-1-AP (Galectin-7 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16730-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervix using 16730-1-AP (Galectin-7 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 16730-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervix using 16730-1-AP (Galectin-7 antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 16730-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 16730-1-AP (Galectin-7 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16730-1-PBS in a different storage buffer formulation.