

For Research Use Only

# Galectin-7 Polyclonal antibody

Catalog Number: 16730-1-AP



## Basic Information

Catalog Number:

16730-1-AP

Size:

200 µg/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

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB: mouse skin tissue, mouse small intestine tissue

IHC: human cervix tissue,

## Background Information

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β-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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

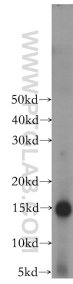
T: 4006900926

E: Proteintech-CN@ptglab.com

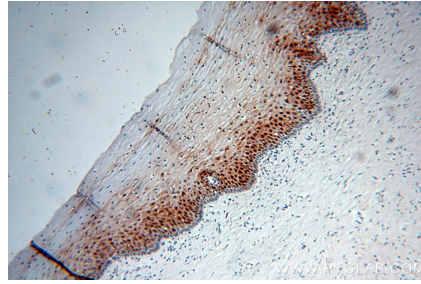
W: ptgcn.com

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

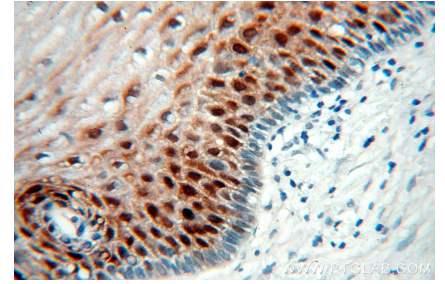
## Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human cervix using 16730-1-AP (Galectin-7 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervix using 16730-1-AP (Galectin-7 antibody) at dilution of 1:100 (under 40x lens).