

For Research Use Only

# Galectin-7 Polyclonal antibody

Catalog Number: 34369-1-AP



## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>34369-1-AP                          | <b>GenBank Accession Number:</b><br>NM_002307                | <b>Purification Method:</b><br>Antigen affinity Purification           |
| <b>Size:</b><br>150ul , Concentration: 330 ug/ml by Nanodrop; | <b>GeneID (NCBI):</b><br>3963                                | <b>Recommended Dilutions:</b><br>WB: 1:1000-1:4000<br>IHC: 1:200-1:800 |
| <b>Source:</b><br>Rabbit                                      | <b>UNIPROT ID:</b><br>P47929                                 |  |
| <b>Isotype:</b><br>IgG  | <b>Full Name:</b><br>lectin, galactoside-binding, soluble, 7 |  |
| <b>Immunogen Catalog Number:</b><br>EG7637                    | <b>Calculated MW:</b><br>15 kDa                              |  |
|   | <b>Observed MW:</b><br>15 kDa                                |  |

## Applications

|  |  |
|--|--|
| <b>Tested Applications:</b><br>WB, IHC, ELISA  | <b>Positive Controls:</b><br>WB : mouse skin tissue, rat skin tissue<br>IHC : rat skin tissue, |
| <b>Species Specificity:</b><br>human, mouse, rat   |  |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |  |

## 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 a 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, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

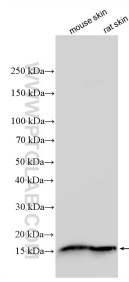
For technical support and original validation data for this product please contact:

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

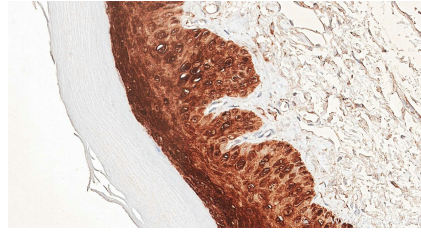
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 34369-1-AP (Galectin-7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded rat skin tissue slide using 34369-1-AP (Galectin-7 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).