

For Research Use Only

Galectin-7 Polyclonal antibody

Catalog Number: 34369-1-AP



Basic Information

Catalog Number: 34369-1-AP	GenBank Accession Number: NM_002307	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 3963	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:200-1:800
Isotype: IgG	UNIPROT ID: P47929	
Immunogen Catalog Number: EG7637	Full Name: lectin, galactoside-binding, soluble, 7	
	Calculated MW: 15 kDa	
	Observed MW: 15 kDa	

Applications

Tested Applications:

WB, IHC, 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, rat skin tissue

IHC : rat skin 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 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

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

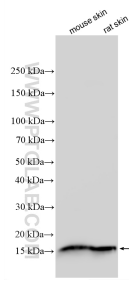
T: 4006900926

E: Proteintech-CN@ptglab.com

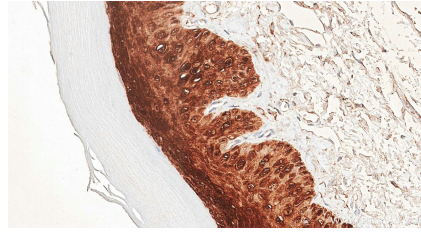
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Selected Validation Data



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).