

## Galectin 3 Polyclonal Antibody

**catalog number: E-AB-40380**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

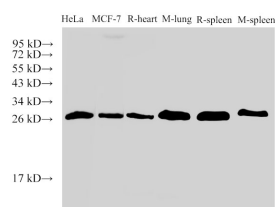
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Rat Galectin-3 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100

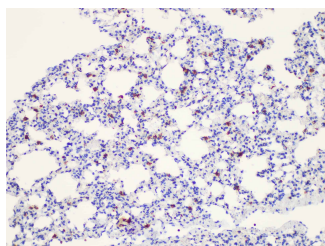
### Data



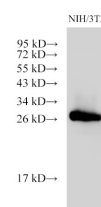
Western Blot analysis of 1)HeLa, 2)MCF-7, 3)Rat heart, 4)Mouse lung, 5)Rat spleen, 6)Mouse spleen using Galectin 3 Polyclonal Antibody at dilution of 1:500.

**Observed-MW:27 kDa**

**Calculated-MW:27 kDa**



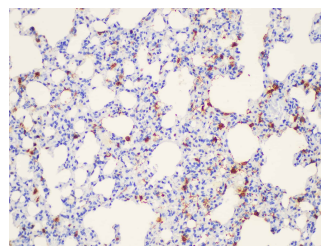
Immunohistochemistry of paraffin-embedded Mouse lung using Galectin 3 Polyclonal Antibody at dilution of 1:50.



Western Blot analysis of NIH/3T3 cells using Galectin 3 Polyclonal Antibody at dilution of 1:2000.

**Observed-MW:27 kDa**

**Calculated-MW:27 kDa**



Immunohistochemistry of paraffin-embedded Rat lung using Galectin 3 Polyclonal Antibody at dilution of 1:50.

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

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Rev. V2.0

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for  $\beta$ -galactose-containing oligosaccharides. Galectin-3 contains one carbohydrate recognition domain (CRD) and a proline- and glycine-rich N-terminal domain through which is able to form oligomers. Galectin-3 is widely expressed in many normal tissues and a variety of tumors. It is found intracellularly in nucleus and cytoplasm or secreted outside of cell, being present on the cell surface or in the extracellular space. Galectin-3 is involved in various biological processes including cell growth, adhesion, differentiation, apoptosis, angiogenesis, immune response, neoplastic transformation and metastasis.