

# Galectin 3 Polyclonal Antibody

Catalog Number:E-AB-40382

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

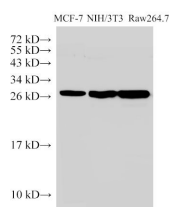
## Description

<b>Reactivity</b>	Human,Mouse
<b>Immunogen</b>	Recombinant Human Galectin-3 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% Proclin300, 50% glycerol, pH7.3.

## Applications Recommended Dilution

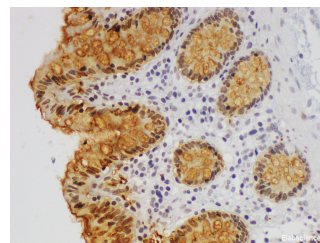
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100

## Data

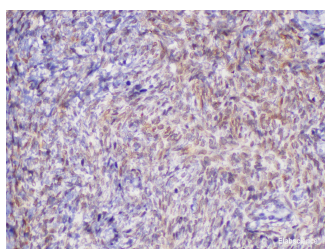


Western Blot analysis of 1)MCF-7, 2)NIH/3T3, 3)Raw264.7 using Galectin 3 Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:26 kDa**  
**Calculated Mw:26 kDa**



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



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

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

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-

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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 .

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