

## Galectin-1 Polyclonal Antibody(Capture/Detector)

**catalog number: AN001160P**

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

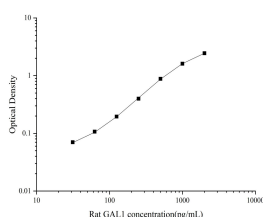
### Description

|                     |   |
|---------------------|---|
| <b>Reactivity</b>   | Human;Mouse;Rat   |
| <b>Immunogen</b>    | Recombinant Rat Galectin-1 protein expressed by E.coli            |
| <b>Host</b>         | Rabbit  |
| <b>Isotype</b>      | Rabbit IgG  |
| <b>Purification</b> | Antigen Affinity Purification                                     |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.2, containing 0.05% Proclin300. |

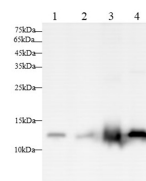
### Applications Recommended Dilution

|                       |               |
|-----------------------|---------------|
| <b>ELISA Capture</b>  | 2-8 µg/mL     |
| <b>ELISA Detector</b> | 0.1-0.4 µg/mL |
| <b>WB</b>             | 1:1000-1:2000 |

### Data



Sandwich ELISA-Recombinant Rat Galectin-1 protein standard curve. Background subtracted standard curve using Galectin-1 antibody(AN001160P)(Capture), Galectin-1 antibody(AN001160P)(Detector) in sandwich ELISA. The reference range value for Recombinant Rat Galectin-1 protein is 31.25-2000 pg/mL.



Western blot with Anti Galectin-1 Polyclonal antibody at dilution of 1:1000. Lane 1: A549 cell lysate, Lane 2: HL-60 cell lysate, Lane 3: C2C12 cell lysate, Lane 4: NIH/3T3 cell lysate.

### Preparation & Storage

|                 |  |
|-----------------|--|
| <b>Storage</b>  | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.       |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

The galectins constitute a large family of carbohydrate-binding proteins that function in many systems both intracellularly and following secretion. Galectins contain either one or two carbohydrate recognition domains (CRR) which mediate recognition of N-acetyl-lactosamine-containing glycoproteins. Some galectins exist in multiple isoforms due to alternative splicing. Individual galectins differ in their tissue distribution and in their carbohydrate-binding specificities.

### For Research Use Only