

## Rabbit Galectin 3 Polyclonal Antibody | anti-Lgals3 antibody

Galectin 3 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA177045</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

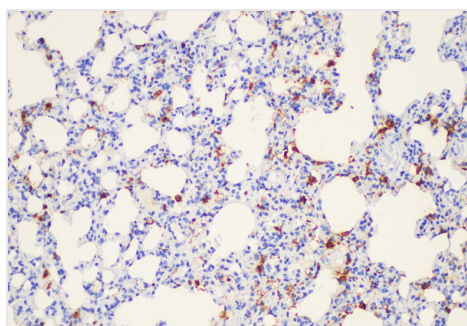
### PRODUCT SYNONYMS

Galectin 3; Polyclonal Antibody; Galectin 3 Polyclonal Antibody; 35 kDa lectin; Carbohydrate binding protein 35; Carbohydrate-binding protein 35; CBP 35; CBP35; Gal-3; GAL3; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; Galectin 3 internal gene; included; Galectin-3; Galectin3; GALIG; GBP; IgE binding protein; IgE-binding protein; L 31; L 34; L-31; L-34 galactoside-binding lectin; L31; Laminin-binding protein; Lectin L-29; Lectin; galactose binding; soluble 3; LEG3; LGALS2; LGALS3; MAC 2 antigen; Mac-2; Mac-2 antigen; MAC2; Macrophage galactose-specific lectin; MGC105387; anti-Lgals3 antibody

### PRODUCT SPECIFICATIONS

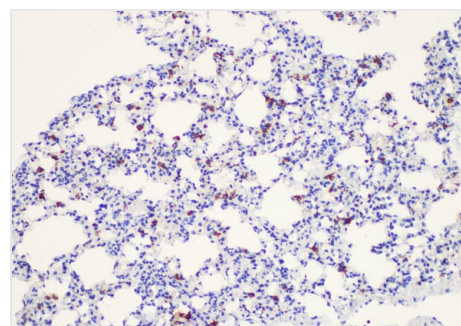
|                                                  |                                                  |
|--------------------------------------------------|--------------------------------------------------|
| Host                                             | Rabbit                                           |
| Reactivity                                       | Human, Mouse, Rat                                |
| Clonality                                        | Polyclonal                                       |
| Isotype                                          | IgG                                              |
| Purity/Purification                              | Antigen affinity purification                    |
| Form/Format                                      | PBS with 0.05% Proclin300, 50% glycerol, pH7.3   |
| Concentration                                    | 0.25mg/mL (varies by lot)                        |
| Applicable Applications for anti-Lgals3 antibody | IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                        | Recombinant Rat Galectin-3 protein               |
| Conjugation                                      | Unconjugated                                     |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles. |

### IMAGES



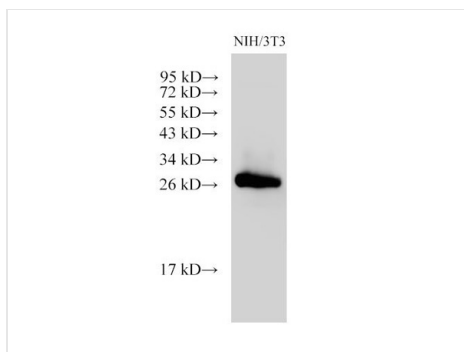
#### IHC (Immunohistochemistry)

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



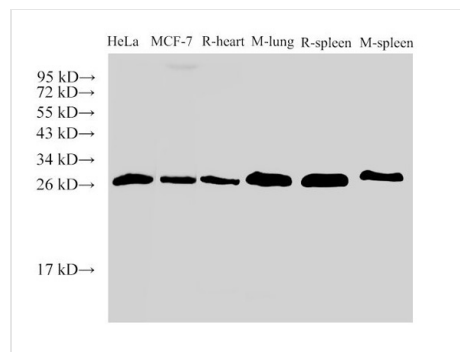
#### IHC (Immunohistochemistry)

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



#### WB (Western Blot)

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



#### WB (Western Blot)

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.

## ADDITIONAL INFORMATION

### Related Product Information for anti-Lgals3 antibody

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.

### Product Categories/Family for anti-Lgals3 antibody

Neuroscience; Cell Biology; Polyclonal Antibody

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 149033557                                                                                                                                                                                                                                                       |
| NCBI GeneID                      | 83781                                                                                                                                                                                                                                                           |
| UniProt Accession #              | P08699                                                                                                                                                                                                                                                          |
| Molecular Weight                 | 27,202 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | lectin, galactose binding, soluble 3, isoform CRA_c                                                                                                                                                                                                             |
| NCBI Official Synonym Full Names | lectin, galactoside-binding, soluble, 3                                                                                                                                                                                                                         |
| NCBI Official Symbol             | Lgals3                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | gal-3                                                                                                                                                                                                                                                           |
| NCBI Protein Information         | galectin-3; CBP 35; lectin L-29; 35 kDa lectin; mac-2 antigen; IgE binding protein; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35; lectin, galactose binding, soluble 3; lectin galactoside-bindin |
| UniProt Protein Name             | Galectin-3                                                                                                                                                                                                                                                      |
| UniProt Gene Name                | Lgals3                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | Gal-3; CBP 35                                                                                                                                                                                                                                                   |
| UniProt Entry Name               | LEG3_RAT                                                                                                                                                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/galectin-3-antibody-immunohistochemistry-western-blot-elisa/177045>