

## Rabbit anti-Human Galectin 3 Polyclonal Antibody | anti-LGALS3 antibody

Anti-Galectin 3 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA45712  | Rabbit | Human      | Immunohistochemistry, Western Blot |

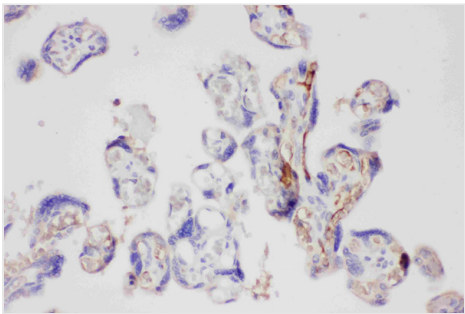
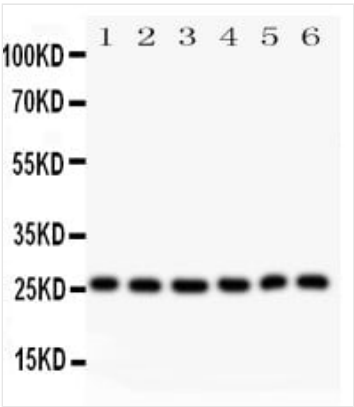
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

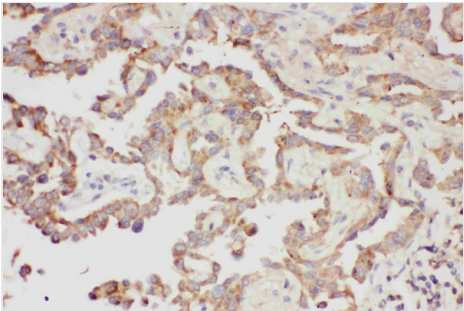
|                                                  |                                                                                                                                                                                                      |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                               |
| Reactivity                                       | Human                                                                                                                                                                                                |
| Clonality                                        | Polyclonal                                                                                                                                                                                           |
| Isotype                                          | IgG                                                                                                                                                                                                  |
| Purity/Purification                              | Immunogen affinity purified.                                                                                                                                                                         |
| Form/Format                                      | Lyophilized                                                                                                                                                                                          |
| Sequence Length                                  | 250                                                                                                                                                                                                  |
| Applicable Applications for anti-LGALS3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                        |
| Immunogen                                        | E Coli-derived human Galectin 3 recombinant protein (Position: K139-I250). Human Galectin 3 shares 88% and 84% amino acid (aa) sequences identity with mouse and rat Galectin 3, respectively.       |
| Contents                                         | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .                                                                                           |
| Reconstitution                                   | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                 |
| Preparation and Storage                          | At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing. |

IMAGES



IHC (Immunohistochemistry)  
Anti-Galectin 3 Picoband antibody, AAA45712-2.JPGIHC(P): Human Placenta Tissue

**Application Data**  
Anti-Galectin 3 Picoband antibody, AAA45712-3.jpgAll lanes: Anti-Galectin-3(AAA45712) at 0.5ug/mlLane 1: Hela Whole Cell Lysate at 40ugLane 2: SGC Whole Cell Lysate at 40ugLane 3: MCF-7 Whole Cell Lysate at 40ugLane 4: SW620 Whole Cell Lysate at 40ugLane 5: A375 Whole Cell Lysate at 40ugLane 6: Smmc Whole Cell Lysate at 40ugPredicted bind size: 26KDObserved bind size: 26KD



IHC (Immunohistochemistry)  
Anti-Galectin 3 Picoband antibody, AAA45712-1.JPGIHC(P): Human Lung Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody

**Description:** Rabbit IgG polyclonal antibody for Galectin-3(LGALS3) detection. Tested with WB, IHC-P in Human.  
**Background:** Galectin-3(GAL3), also known as LGALS3, MAC2 or GALBP, is a member of the lectin family, of which 14 mammalian galectins have been identified. Galectin-3 is encoded by a single gene, it located on chromosome 14, locus q21-q22. It is expressed in the nucleus, cytoplasm,mitochondrion, cell surface, and extracellular space. Studies have also shown that the expression of galectin-3 is implicated in a variety of processes associated with heart failure, including myofibroblast proliferation, fibrogenesis, tissue repair, inflammation, and Ventricular remodeling. Galectin-3 is expressed in various tissues and organs, but is significantly absent in normal hepatocytes.

NCBI AND UNIPROT INFORMATION

|                                  |                                              |
|----------------------------------|----------------------------------------------|
| NCBI GI #                        | 215274262                                    |
| NCBI GeneID                      | 3958                                         |
| UniProt Accession #              | P17931; Q16005; Q6IBA7; Q96J47; B2RC38       |
| Molecular Weight                 | 26,152 Da                                    |
| NCBI Official Full Name          | Galectin-3                                   |
| NCBI Official Synonym Full Names | lectin, galactoside-binding, soluble, 3      |
| NCBI Official Symbol             | LGALS3                                       |
| NCBI Official Synonym Symbols    | L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2 |

|                            |                                                                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Protein Information   | galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35 |
| UniProt Protein Name       | Galectin-3                                                                                                                                                        |
| UniProt Gene Name          | LGALS3                                                                                                                                                            |
| UniProt Synonym Gene Names | MAC2; Gal-3; CBP 35; GALBP                                                                                                                                        |
| UniProt Entry Name         | LEG3_HUMAN                                                                                                                                                        |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/galectin-3-antibody-immunohistochemistry-western-blot-elisa/45712>