

## Rabbit Galectin 4/LGALS4 Polyclonal Antibody | anti-LGALS4 antibody

Galectin 4/LGALS4 Rabbit pAb

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA281785</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

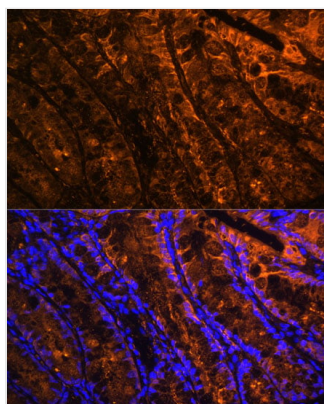
### PRODUCT SYNONYMS

Galectin 4/LGALS4; Polyclonal Antibody; Galectin 4/LGALS4 Rabbit pAb; GAL4; L36LBP; LGALS4; anti-LGALS4 antibody

### PRODUCT SPECIFICATIONS

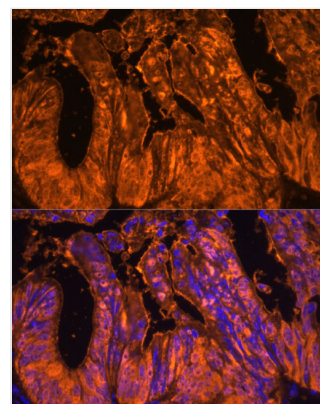
|                                                  |                                                                                                                               |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                        |
| Reactivity                                       | Human, Mouse, Rat                                                                                                             |
| Clonality                                        | Polyclonal                                                                                                                    |
| Isotype                                          | IgG                                                                                                                           |
| Purity/Purification                              | Affinity purification                                                                                                         |
| Form/Format                                      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                             |
| Sequence                                         | MAYVPAPGYQ PTYNPTLPYY QPIPGGLNVG MSVYIQGVAS EHMKRFFVNF VVGQDPGSDV AFHFNPRFDG<br>WDKVVFNTLQ GGKWGSEERK RSMPPFKKGAA             |
| Applicable Applications for anti-LGALS4 antibody | IF (Immunofluorescence), WB (Western Blot)                                                                                    |
| Immunogen                                        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human Galectin 4/LGALS4 (NP_006140.1). |
| Positive Samples                                 | HCT116, mouse large intestine, rat large intestine                                                                            |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                              |

### IMAGES



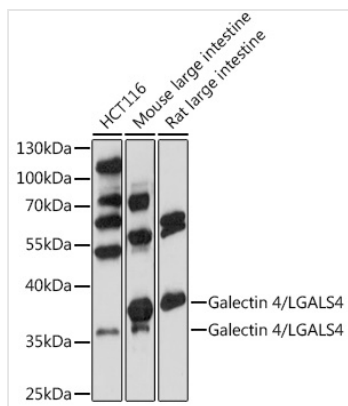
#### IF (Immunofluorescence)

Immunofluorescence analysis of mouse colon using Galectin 4/LGALS4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of human colon carcinoma using Galectin 4/LGALS4 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### WB (Western Blot)

Western blot analysis of extracts of various cells, using Galectin 4/LGALS4 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

## ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-LGALS4 antibody</b> | Background: The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer. |
| <b>Product Categories/Family for anti-LGALS4 antibody</b>   | <a href="#">Epigenetics &amp; Nuclear Signaling</a> ; <a href="#">Transcription Factors</a> ; <a href="#">Research</a> ; <a href="#">Cell Biology &amp; Developmental Biology</a> ; <a href="#">Cell Adhesion</a> ; <a href="#">Gap Junctions</a>                            |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | <a href="#">5453712</a>                                                                                 |
| <b>NCBI GeneID</b>                      | <a href="#">3960</a>                                                                                    |
| <b>NCBI Accession #</b>                 | <a href="#">NP_006140.1</a>                                                                             |
| <b>NCBI GenBank Nucleotide #</b>        | <a href="#">NM_006149.3</a>                                                                             |
| <b>UniProt Accession #</b>              | <a href="#">P56470</a>                                                                                  |
| <b>Molecular Weight</b>                 | 35,941 Da                                                                                               |
| <b>NCBI Official Full Name</b>          | galectin-4                                                                                              |
| <b>NCBI Official Synonym Full Names</b> | lectin, galactoside-binding, soluble, 4                                                                 |
| <b>NCBI Official Symbol</b>             | LGALS4                                                                                                  |
| <b>NCBI Official Synonym Symbols</b>    | GAL4; L36LBP                                                                                            |
| <b>NCBI Protein Information</b>         | galectin-4; gal-4; galectin 4; antigen NY-CO-27; lactose-binding lectin 4; L-36 lactose-binding protein |
| <b>UniProt Protein Name</b>             | Galectin-4                                                                                              |
| <b>UniProt Gene Name</b>                | <b>LGALS4</b>                                                                                           |
| <b>UniProt Synonym Gene Names</b>       | Gal-4; L36LBP                                                                                           |
| <b>UniProt Entry Name</b>               | LEG4_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-4-igals4-antibody-immunofluorescence-western-blot-elisa/281785>