

## Galectin-3 Rabbit Polyclonal Antibody

### Catalog #: EAB14652

| Host/Isotype | Clonality  | Applications             | MW (kDa) | Reactivity        |
|--------------|------------|--------------------------|----------|-------------------|
| Rabbit IgG   | Polyclonal | WB, IHC-P, IF/ICC, ELISA | 26       | Human, Mouse, Rat |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|  |              |
|--|--------------|
| <b>WB</b> (Western Blotting)                           | 1:500-2000   |
| <b>IHC-P</b> (Immunohistochemistry-Paraffin)           | 1:50-300     |
| <b>IF/ICC</b> (Immunofluorescence/Immunocytochemistry) | 1:50-300     |
| <b>ELISA</b> (Enzyme-linked Immunosorbent Assay)       | 1:5000-20000 |

### Product Information

|                       |   |
|-----------------------|---|
| <b>Conjugate</b>      | Unconjugate   |
| <b>Specificity</b>    | Galectin-3 Rabbit Polyclonal Antibody detects endogenous levels of Galectin-3 protein.  |
| <b>Purification</b>   | Affinity purification   |
| <b>Concentration</b>  | 1mg/ml  |
| <b>Format</b>         | Liquid  |
| <b>Formulation</b>    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol  |
| <b>Shipping</b>       | Gel Pack  |
| <b>Storage</b>        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles.<br>Aliquots may be stored at +4°C for 1-2 weeks |
| <b>UniProt ID</b>     | <a href="#">P17931</a>  |
| <b>Entrez-Gene ID</b> | <a href="#">3958</a>  |

### Product Description

This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.

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