

LGALS3 Polyclonal Antibody

Catalog Number:E-AB-60313

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

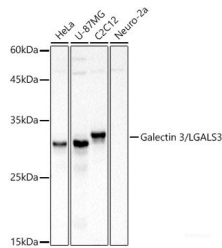
Description

| | |
|---------------------|---|
| Reactivity | Human,Rat |
| Immunogen | Recombinant fusion protein of human LGALS3 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.05% proclin300,50% glycerol,pH7.3. |

Applications Recommended Dilution

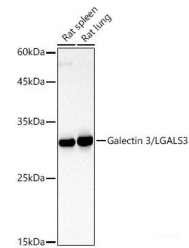
| | |
|-----------|--------------|
| WB | 1:500-1:2000 |
| IF | 1:50-1:200 |

Data

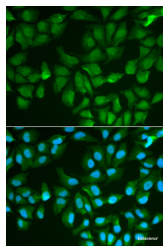


Western blot analysis of extracts of various cell lines using Galectin 3/LGALS3 Polyclonal Antibody at 1:500 dilution.

Calculated Mw:26kDa



Western blot analysis of extracts of various cell lines using Galectin 3/LGALS3 Polyclonal Antibody at 1:500 dilution.



Immunofluorescence analysis of MCF-7 cells using Galectin 3/Galectin 3/LGALS3 Polyclonal antibody.
Blue: DAPI for nuclear staining.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

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

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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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