

Galectin 3 Polyclonal Antibody

Catalog Number:D-AB-10120L

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

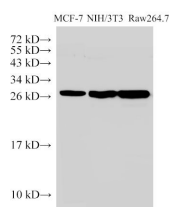
Description

Reactivity	Human,Mouse
Immunogen	Recombinant Human LGALS3 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol pH 7.4

Applications Recommended Dilution

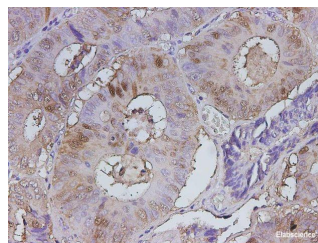
WB	1:500-1:2000
IHC	1:150-1:300

Data

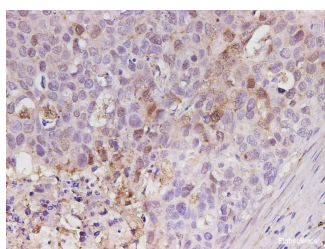


Western Blot analysis of 1)MCF-7, 2)NIH/3T3, 3)Raw264.7 using Galectin 3 Polyclonal Antibody at dilution of 1:1000.

Observed Mw:26 kDa
Calculated Mw:26 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using LGALS3 Polyclonal Antibody at dilution of 1:300



Immunohistochemistry of paraffin-embedded Human stomach cancer using LGALS3 Polyclonal Antibody at dilution of 1:300

Preparation & Storage

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

Background

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β -galactose-containing oligosaccharides. Galectin-3 contains one carbohydrate recognition domain (CRD) and a proline- and glycine-

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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 .

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