Galectin 3 Polyclonal Antibody

catalog number: **D-AB-10120L**

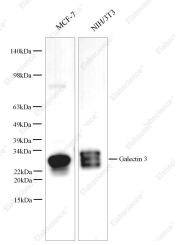
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse
Immunogen	Recombinant Human LGALS3 protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:150-1:300

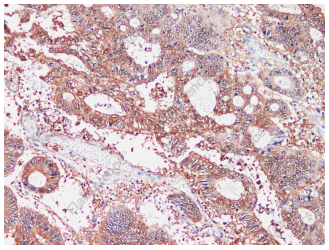
Data



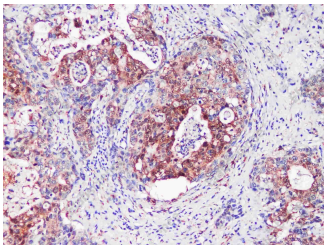
Western blot with Anti Galectin 3 Polyclonal antibody at dilution of 1:1000. Lane 1:MCF-7 cell lysate,Lane 2:NIH/3T3 cell lysate.

Observed-MW:26 kDa

Calculated-MW:26 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using Galectin 3 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human stomach cancer using Galectin 3 Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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