

Galectin 3 Polyclonal Antibody

catalog number: D-AB-10120L

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

Description

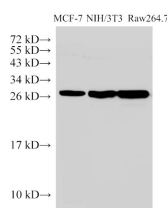
Reactivity	Human;Mouse
Immunogen	Recombinant Human LGALS3 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

Recommended Dilution

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

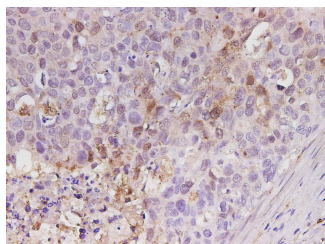
Data



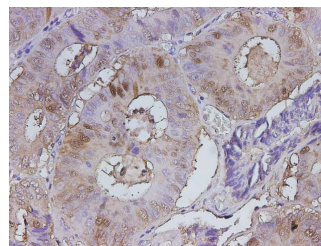
Western Blot analysis of 1)MCF-7, 2)NIH/3T3, 3)Raw264.7 using Galectin 3 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:26 kDa

Calculated-MW:26 kDa



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



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

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

For Research Use Only

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-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.