

LGALS3

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:20 - 1:50

Calculated MW: 26kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human LGALS3

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

j

Synonym:

CBP35; GAL3; GALBP; GALIG; LGALS2; MAC2; Galectin 3;

Catalog #: A1464

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 3958

Isotype: IgG

Swiss Prot: P17931

Purity: Affinity purification

For research use only.

Background:

Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. The galectin-3 protein, also known as Mac-2, hMac-2, GALBP, CBP35 or LGALS3, contains a single carbohydrate binding domain, which binds galactose-containing glycoconjugates. Galectin-3 is expressed in colonic and intestinal epithelium, inflammatory macrophages, papillary and follicular carcinomas, neoplastic astrocytes and some B and T lymphocytes. Upregulated expression of galectin-3 is involved in cancer progression and metastasis. Galectin-3 mediates the endocytosis of 1 Integrins in a lactose-dependent manner and is associated with thyroid malignancy and Crohns disease. It may also be used as a marker for diagnosing cases involving Hurthle cell adenomas and carcinomas.

To place an order, please [Click HERE](#).