

## 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) inter- actions and play a role in tumor progression, pre-mRNA splicing and appo-tosis. 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](#).**