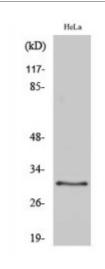


Anti-CBP 35 antibody





Description Rabbit polyclonal to CBP 35.

Model STJ92060

Host Rabbit

Reactivity Human, Mouse, Rat

Applications ELISA, IF, IHC, WB

ImmunogenSynthesized peptide derived from human CBP 35

Immunogen Region 110-190 aa, Internal

Gene ID <u>3958</u>

Gene Symbol <u>LGALS3</u>

Dilution range WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000

Specificity CBP 35 Polyclonal Antibody detects endogenous levels of CBP 35 protein.

Tissue Specificity A major expression is found in the colonic epithelium. It is also abundant in

the activated macrophages. Expressed in fetal membranes.

Purification The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Note For Research Use Only (RUO).

Protein Name Galectin-3 Gal-3 35 kDa lectin Carbohydrate-binding protein 35 CBP 35

Galactose-specific lectin 3 Galactoside-binding protein GALBP IgE-binding

protein L-31 Laminin-binding protein Lectin L

Molecular Weight 35 kDa

Clonality Polyclonal

Conjugation Unconjugated

Isotype IgG

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Concentration 1 mg/ml

Storage Instruction Store at -20°C, and avoid repeat freeze-thaw cycles.

Database Links HGNC:6563OMIM:153619

Alternative Names Galectin-3 Gal-3 35 kDa lectin Carbohydrate-binding protein 35 CBP 35

Galactose-specific lectin 3 Galactoside-binding protein GALBP IgE-binding

protein L-31 Laminin-binding protein Lectin L

Function Galactose-specific lectin which binds IgE. May mediate with the alpha-3,

beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis. In the nucleus: acts as a premRNA splicing factor. Involved in acute inflammatory responses including

neutrophil activation and adhesion, chemoattraction of monocytes

macrophages, opsonization of apoptotic neutrophils, and activation of mast

cells.

Cellular Localization Cytoplasm. Nucleus. Secreted by a non-classical secretory pathway

and associates with the cell surface.

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