

LGALS3

Rabbit Anti-Human Lectin Galactoside-binding Soluble 3/Galectin-3 Clone Poly6132 pAb

Catalog No.	CSI14557 CSI14558	Quantity:	50 µl 200 µl
Alternate Names:	CBP35, GAL3, GALBP, GALIG, LGALS2, MAC2, IgE-binding protein, MAC-2 antigen, carbohydrate-binding protein 35, galactose-specific lectin 3, galectin 3, galectin-3 internal, laminin-binding protein		
Description:	Galectin 3 (also known as galactose-specific lectin 3 and Mac-2 antigen) is a 32 kD member of the galaptin (S-lectin) family, BH-1, that contains carbohydrate recognition domains. This protein forms homo- and hetero-dimers and localizes to the nucleus or cytoplasm depending on proliferation state. Galectin 3 has been shown to modulate allergic reactions and regulate mRNA splicing activity, cell cycle control, and cell adhesion. The expression of galectin 3 can be increased by acetylated LDL, oxidized LDL, and Runx2. Galectin 3 can be modified by phosphorylation and acetylation and has been shown to interact with IgE, galactose, casein kinase I, laminin, mucin, β-galactoside residues of cell surface, matrix glycoproteins, and some intracellular proteins. The Poly6132 antibody recognizes human and mouse galectin 3 and has been shown to be useful for Western blotting.		
Structure:	Galaptin (S-lectin) family, BH-1, carbohydrate recognition domains, homo- or hetero-dimer; 32 kD.		
Gene ID:	3958		
Distribution:	Localization dependent on proliferative state. Can be nuclear or cytoplasmic.		
Function:	Modulates allergic reactions. Regulates mRNA splicing activity, cell cycle control, and cell adhesion.		
Host:	Rabbit		
Immunogen:	Recombinant human (partial), amino acids 151-251.		
Isotype:	IgG		
Clone:	Poly6132		
Regulation:	Upregulated by AcLDL, OxLDL and Runx2.		
Formulation:	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	The antibody was purified by Protein A affinity chromatography.		



Modification: Phosphorylation, Acetylation

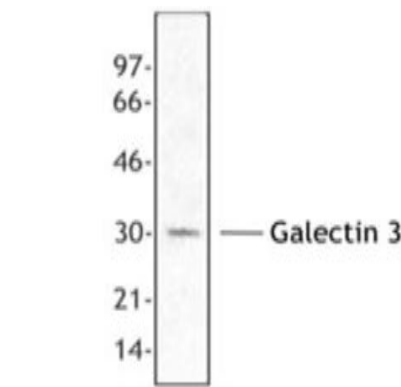
Reactivity: Mouse, Human

Applications: WB, IF

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. For immunofluorescence microscopy: Use a dilution range of 1:100~1:400. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability: Upon receipt, store frozen at -20° C.

Hela cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-Galectin 3 antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.



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