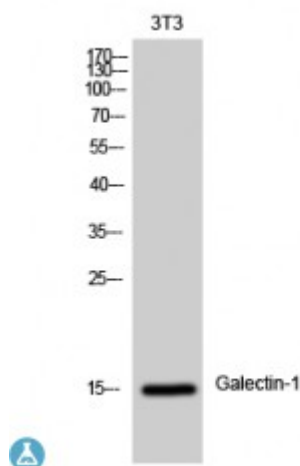


Anti-Galectin-1 antibody



Description	Rabbit polyclonal to Galectin-1.
Model	STJ93201
Host	Rabbit
Reactivity	Human, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human Galectin-1
Immunogen Region	10-90 aa, Internal
Gene ID	3956
Gene Symbol	LGALS1
Dilution range	WB 1:500-1:2000ELISA 1:40000
Specificity	Galectin-1 Polyclonal Antibody detects endogenous levels of Galectin-1 protein.
Tissue Specificity	Expressed in placenta, maternal decidua and fetal membranes. Within placenta, expressed in trophoblasts, stromal cells, villous endothelium, syncytiotrophoblast apical membrane and villous stroma. Within fetal membranes, expressed in amnion, chorioamniotic mesenchyma and chorion (at protein level). Expressed in cardiac, smooth, and skeletal muscle, neurons, thymus, kidney and hematopoietic cells.
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-1 Gal-1 14 kDa laminin-binding protein HLBP14 14 kDa lectin Beta-galactoside-binding lectin L-14-I Galaptin HBL HPL Lactose-binding lectin 1 Lectin galactoside-binding soluble 1 Pu
Molecular Weight	15 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:6561OMIM:150570
Alternative Names	Galectin-1 Gal-1 14 kDa laminin-binding protein HLBP14 14 kDa lectin Beta-galactoside-binding lectin L-14-I Galaptin HBL HPL Lactose-binding lectin 1 Lectin galactoside-binding soluble 1 Pu
Function	Lectin that binds beta-galactoside and a wide array of complex carbohydrates. Plays a role in regulating apoptosis, cell proliferation and cell differentiation. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis.
Cellular Localization	Secreted, extracellular space, extracellular matrix

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