

Biotin-Linked Polyclonal Antibody to Galectin 1 (GAL1)

Galectin 1

Catalog # AP74671

Product Information

Application	WB
Primary Accession	P16045
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14866

Additional Information

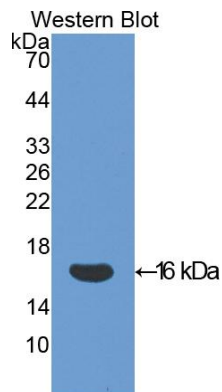
Gene ID	16852
Other Names	LGALS1; GBP; HLBP14; Galaptin; Lectin, Galactoside-Binding Soluble 1; 14 kDa laminin-binding protein; Lactose-binding lectin 1; Putative MAPK-activating protein PM12; S-Lac lectin
Target/Specificity	Mus musculus (Mouse)
Dilution	WB~~Western blotting: 0.2-2 μ g/mL;1:250-2500 Immunohistochemistry: 5-20 μ g/mL;1:25-100 Immunocytochemistry: 5-20 μ g/mL;1:25-100 Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	Lgals1
Synonyms	Gbp
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. Plays a negative role in Th17 cell differentiation via activation of the receptor CD69.
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000250 UniProtKB:P09382}. Cytoplasm {ECO:0000250 UniProtKB:P09382}. Secreted

{ECO:0000250|UniProtKB:P09382}. Note=Can be secreted; the secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum-Golgi intermediate compartment) followed by vesicle entry and secretion. {ECO:0000250|UniProtKB:P09382}

Images



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