

## Goat anti-galectin-1 (mouse) (aa100-112) Antibody

<b>Item Number</b>	dAP-2324
<b>Target Molecule</b>	Principle Name: galectin-1 (mouse) (aa100-112); Official Symbol: Lgals1; All Names and Symbols: Lgals1; lectin, galactose binding, soluble 1; AA410090; Gal-1; Galbp; L-14.5; L14; Lect14; galectin-1; 14 kDa lectin; S-Lac lectin 1; beta-galactoside binding protein; beta-galactoside-binding lectin L-14-I; galaptin; galectin-1; lactose-binding lectin 1;; Accession Number (s): NP_032521.1; Human Gene ID(s): 3956; Non-Human GeneID(s): 16852 (mouse) 56646 (rat)
<b>Immunogen</b>	KLPDGHEFKFPNR, is from internal region
<b>Applications</b>	Pep ELISA, WB Species Tested: Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 15kDa band observed in Rat Pancreas lysates (calculated MW of 14.9kDa according to mouse NP_032521.1 and to rat NP_063969.1). Recommended concentration: 0.5-2µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Păi Z, Antal P, Millinghoffer A, Hullăim G, Păiăci K, Tăth S, Gabius HJ, Molnăir MJ, Falus A, Buzăis EI, A novel galectin-1 and interleukin 2 receptor beta haplotype is associated with autoimmune myasthenia gravis. Journal of neuroimmunology 2010 Aug : ..PMID: 20728947->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**