

Rabbit anti-Human Galectin 1 Polyclonal Antibody | anti-LGALS1 antibody

Anti-Galectin 1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45011	Rabbit	Human	Immunohistochemistry, Western Blot

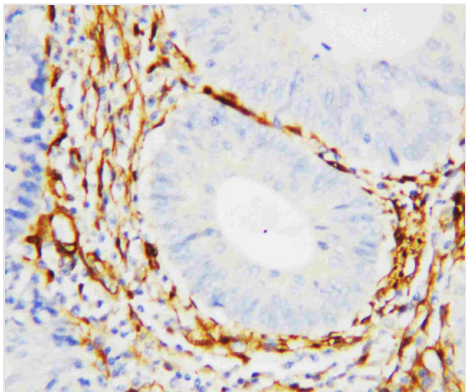
PRODUCT SYNONYMS

Galectin 1; Polyclonal Antibody; Anti-Galectin 1 antibody; Galectin-1(Gal-1); lectin; galactoside-binding; soluble; 1; 14 kDa laminin-binding protein antibody; 14 kDa lectin antibody; Beta galactoside binding lectin antibody; Beta galactoside binding lectin L 14 I antibody; beta galactoside binding protein antibody; Beta-galactoside-binding lectin L-14-I antibody; DKFZp686E23103 antibody; Gal 1 antibody; Gal-1 antibody; GAL1 antibody; Galaptin antibody; Galbp antibody; Galectin antibody; Galectin-1 antibody; Galectin1 antibody; GBP antibody; HBL antibody; HLBP14 antibody; HPL antibody; L 14.5 antibody; L-14.5 antibody; L14 antibody; Lactose binding lectin 1 antibody; Lactose-binding lectin 1 antibody; Lect14 antibody; Lectin galactoside binding soluble 1 antibody; Lectin galactoside-binding soluble 1 antibody; LEG1_HUMAN antibody; LGALS 1 antibody; LGALS1 antibody; Lgals1 lectin galactose binding soluble 1 antibody; MAPK activating protein MP12 antibody; Putative MAPK activating protein MP12 antibody; Putative MAPK-activating protein PM12 antibody; S Lac lectin 1 antibody; S-Lac lectin 1 antibody; anti-LGALS1 antibody

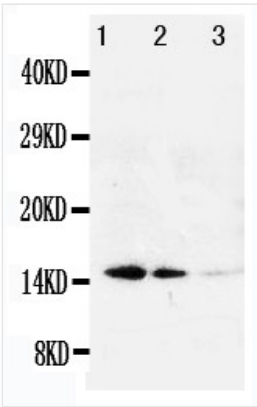
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	135
Applicable Applications for anti-LGALS1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Galectin 1 (119-135aa NYMAADGDFKIKCVAFD), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohiostchemistry)
Anti-Galectin 1 antibody, AAA45011, IHC(P)IHC(P): Human Intestinal Cancer Tissue



WB (Western Blot)
Anti-Galectin 1 antibody, AAA45011, Western blottingLane 1: Recombinant Human Galectin-1 Protein 10ngLane 2: Recombinant Human Galectin-1 Protein 5ngLane 3: Recombinant Human Galectin-1 Protein 2.5ng

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS1 antibody	Description: Rabbit IgG polyclonal antibody for Galectin 1(LGALS1) detection. Tested with WB, IHC-P in Human. Background: Galectin-1 is a protein that in humans is encoded by the LGALS1 gene. Galectins belong to a family of related beta-galactoside-binding lectins, also referred to as S-type or S-Lac lectins. Its gene is mapped to 22q12-q13. Galectin-1 was expressed in a subset of slowly dividing subventricular zone astrocytes, which included the neural stem cells. It has been considered as an autocrine negative growth factor that regulates cell proliferation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126155
NCBI GeneID	3956
UniProt Accession #	P09382; Q9UDK5; B2R5E8
Molecular Weight	14,716 Da
NCBI Official Full Name	Galectin-1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 1
NCBI Official Symbol	LGALS1
NCBI Official Synonym Symbols	GBP; GAL1
NCBI Protein Information	galectin-1; HBL; HPL; gal-1; HLBP14; galaptin; galectin 1; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; 14 kDa laminin-binding protein; putative MAPK-activating protein PM12; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding protein 14kDa
UniProt Protein Name	Galectin-1
UniProt Gene Name	LGALS1
UniProt Synonym Gene Names	Gal-1; HLBP14
UniProt Entry Name	LEG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.