

Rabbit anti-Human Galectin 3/LGALS3 Polyclonal Antibody | anti-LGALS3 antibody

Anti-Galectin 3/LGALS3 Antibody, Rabbit Polyclonal

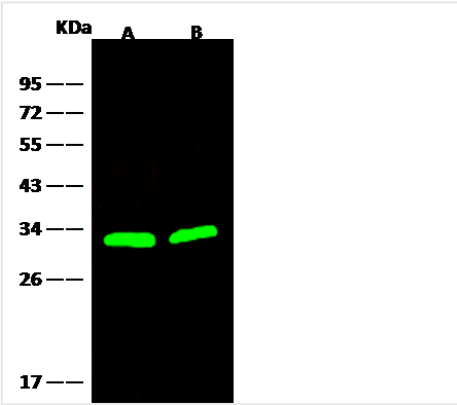
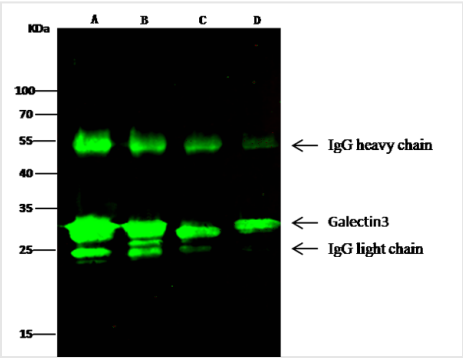
CATALOG # AAA254799	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Galectin 3/LGALS3; Polyclonal Antibody; Anti-Galectin 3/LGALS3 Antibody; Rabbit Polyclonal; Galectin-3/LGALS3 Antibody; Rabbit PAb; Antigen Affinity Purified; lectin; galactoside-binding; soluble; 3; Anti-CBP35 Antibody; Anti-GAL3 Antibody; Anti-GALBP Antibody; Anti-GALIG Antibody; Anti-L31 Antibody; Anti-LGALS2 Antibody; Anti-MAC2 Antibody; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human LGALS3/Galectin-3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-LGALS3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Recombinant Human LGALS3/Galectin-3 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human LGALS3/Galectin-3 (rh LGALS3/Galectin-3). LGALS3/Galectin-3 specific IgG was purified by Human LGALS3/Galectin-3 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
Galectin3 was immunoprecipitated using: Lane A: 0.5 mg MCF-7 Whole Cell Lysate; Lane B: 0.5 mg HeLa Whole Cell Lysate; Lane C: 0.5 mg SW480 Whole Cell Lysate; Lane D: 0.5 mg A431 Whole Cell Lysate. 2 μ L anti-Galectin3 rabbit polyclonal antibody and 15 μ L of 50 % Protein G agarose. Primary antibody: Anti-Galectin3 rabbit polyclonal antibody, at 1:200 dilution. Secondary antibody: DyLight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 30 kDa. Observed band size: 30 kDa.

WB (Western Blot)
Anti-Galectin3 rabbit polyclonal antibody at 1:1000 dilution. Lane A: MCF7 Whole Cell Lysate; Lane B: HeLa Whole Cell Lysate. Lysates/proteins at 20 μ g per lane. Secondary: Goat Anti-Rabbit IgG H&L (DyLight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed band size: 30 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	LGALS3 (Galectin 3) is a Protein Coding gene. This gene encodes a member of the galectin family of carbohydrate-binding proteins. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. LGALS3 is a beta-galactoside-binding lectin and plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion, and T-cell regulation. LGALS3 has an important role in tumor progression through inhibition of apoptosis. LGALS3 expression is associated with neoplastic transformation and with differentiation of monocytes to macrophages. Elevated expression of LGALS3 has been demonstrated in the synovium of rheumatoid arthritis (RA). Diseases associated with LGALS3 include Follicular Adenoma and Papillary Carcinoma.
References	Dumic J, et al. (2006) Galectin-3: an open-ended story. <i>Biochim Biophys Acta.</i> 1760(4): 616-35. Sharma UC, et al. (2004) Galectin-3 marks activated macrophages in failure-prone hypertrophied hearts and contributes to cardiac dysfunction. <i>Circulation.</i> 110(19): 3121-8. Yan YP, et al. (2009) Galectin-3 mediates post-ischemic tissue remodeling. <i>Brain Res.</i> 1288: 116-24.

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430223
NCBI GeneID	3958
NCBI Accession #	NP_002297.2
NCBI GenBank Nucleotide #	NM_002306.3
UniProt Accession #	P17931; Q16005; Q6IBA7; Q96J47; B2RC38
Molecular Weight	26,152 Da
NCBI Official Full Name	galectin-3 isoform 1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 3
NCBI Official Symbol	LGALS3
NCBI Official Synonym Symbols	L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2
NCBI Protein Information	galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35
UniProt Protein Name	Galectin-3

UniProt Gene Name	LGALS3
UniProt Synonym Gene Names	MAC2; Gal-3; CBP 35; GALBP
UniProt Entry Name	LEG3_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/galectin-3-igals3-antibody-immunoprecipitation-western-blot-elisa/254799>