

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

Anti-Galectin 3/LGALS3 Antibody, Rabbit Polyclonal

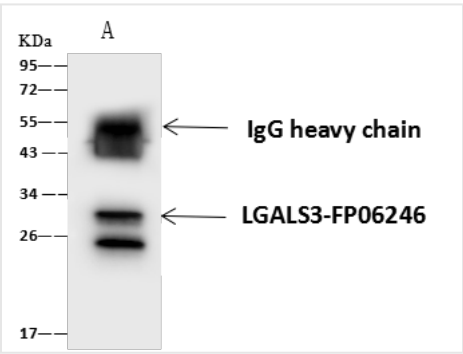
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256392	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

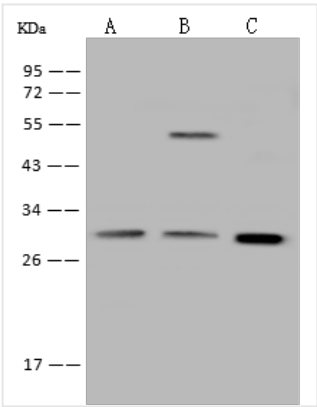
Galectin 3/LGALS3; Polyclonal Antibody; Anti-Galectin 3/LGALS3 Antibody; Rabbit Polyclonal; Galectin-3/LGALS3 Antibody; Rabbit PAb; Antigen Affinity Purified; lectin; galactoside-binding; soluble; 3; Anti-CBP35 Antibody; Anti-GAL3 Antibody; Anti-GALBP Antibody; Anti-GALIG Antibody; Anti-L31 Antibody;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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Galectin-3/LGALS3
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-LGALS3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human Galectin-3/LGALS3 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Galectin-3/LGALS3 fragment, and purified by antigen 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. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)
LGALS3-FP06246 was immunoprecipitated using: Lane A: 0.5 mg HeLa Whole Cell Lysate 4 uL anti-LGALS3-FP06246 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-LGALS3-FP06246 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa. Observed band size: 30 kDa.



WB (Western Blot)
Anti-LGALS3 rabbit polyclonal antibody at 1:500 dilution. Lane A: HeLa Whole Cell Lysate. Lane B: A431 Whole Cell Lysate. Lane C: MCF7 Whole Cell Lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL 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. Biochim Biophys Acta. 1760(4): 616-35. Sharma UC, et al. (2004) Galectin-3 marks activated macrophages in failure-prone hypertrophied hearts and contributes to cardiac dysfunction. Circulation. 110(19): 3121-8. Yan YP, et al. (2009) Galectin-3 mediates post-ischemic tissue remodeling. Brain Res. 1288: 116-24.

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.