

Rabbit Galectin 3 Polyclonal Antibody | anti-LGALS3 antibody

Galectin 3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304095	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

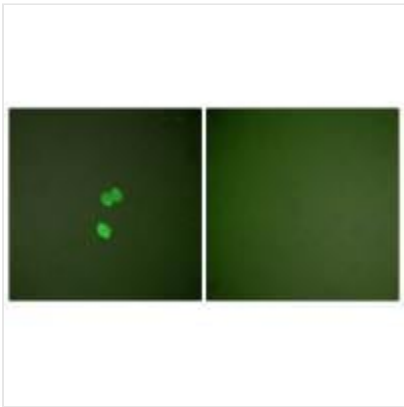
PRODUCT SYNONYMS

Galectin 3; Polyclonal Antibody; Galectin 3 Antibody; 35 kDa lectin; CBP 35; Carbohydrate binding protein 35; GALBP; Galactose-specific lectin 3; anti-LGALS3 antibody

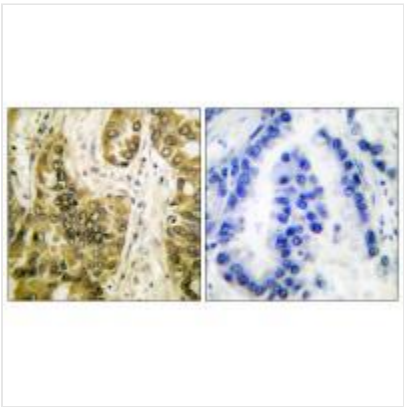
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Galectin 3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	250
Applicable Applications for anti-LGALS3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human Galectin 3.
Target Name	Galectin 3
Preparation and Storage	Store at -20 degree C

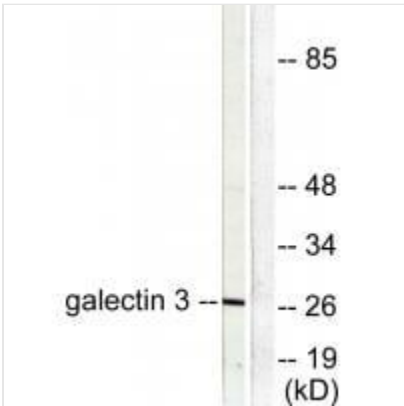
IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells, using Galectin 3 antibody.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using Galectin 3 antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using Galectin 3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis By similarity. In the nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation and adhesion, chemoattraction of monocytes macrophages, opsonization of apoptotic neutrophils, and activation of mast cells.Miliyun G. Chiu, Am. J. Pathol., Dec 2006; 169: 1925 - 1938.Luciana Kohatsu, J. Immunol., Oct 2006; 177: 4718 - 4726.Brianna N. Stillman, J. Immunol., Jan 2006; 176: 778 - 789.Julie Nieminen, J. Leukoc. Biol., Nov 2005; 78: 1127 - 1135.
Product Categories/Family for anti-LGALS3 antibody	Total protein Ab

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
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-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304095>