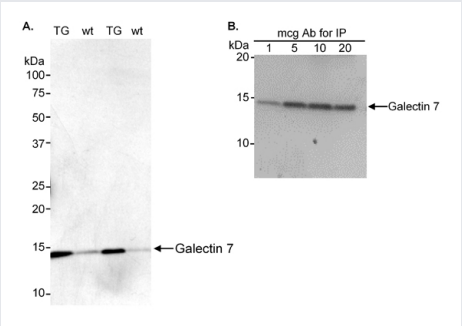
Galectin-7 (LGALS7) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Galectin-7 (LGALS7), Polyclonal Antibody
Full Product Name	Rabbit anti-Galectin-7 Antibody, Affinity Purified
Product Gene Name	anti-LGALS7 antibody
Product Synonym Names	galectin-7; PI7; p53-induced gene 1 protein; LGALS7A; HKL-14; Gal-7; GAL7; lectin, galactoside-binding, soluble, 7; Galectin-7; galectin 7
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	1000ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Chromosome Location	Chromosome: 19; NC_000019.9 (39261608..39264157, complement). Location: 19q13.2
OMIM	600615
3D Structure	ModBase 3D Structure for P47929
Predicted Reactivity	Human
Immunogen	Between 86 and C-terminus
Conjugation	Unconjugated
Product Categories/Family for anti-LGALS7 antibody	Primary Antibodies
Applications Tested/Suitable for anti-LGALS7 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-LGALS7 antibody	WB: 1:10,000-1:40,000 IP: 6ug/mg lysate
Related Product Information for anti-LGALS7 antibody	Galectin-7 is a beta-galactoside-binding protein specifically expressed in stratified epithelium and plays a role in modulating cell-cell and cell-matrix interactions. Galectin-7 has been demonstrated to promote apoptosis and its expression is inducible by p53 and down-regulated in squamous cell carcinoma.
Other Notes	Small volumes of anti-LGALS7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LGALS7 purchase	MBS3900953 is an antibody targeting LGALS7. Also known as Rabbit anti-Galectin-7 Antibody, Affinity Purified. Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-LGALS7 antibody
Detection of mouse Galectin 7 by western blot and immunoprecipitation. Samples: A. Modified RIPA extract (10 ug) from the epidermis of FVB wild-type (wt) or COX2 transgenic (TG) mice. B. Modified RIPA extract (20 ug) from the epidermis of FVB wild-type mice. Antibody: Affinity purified rabbit anti-galectin 7 (Cat. No. MBS3900953) used at 0.005 (A) or 0.0025 (B) ug/ml for WB and as indicated for IP. Detection: Chemiluminescence with 1 second exposure time.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LGALS7. It may not necessarily be applicable to this product.

NCBI GI #	4504985
NCBI GeneID	3963
NCBI Accession #	NP_002298.1
UniProt Primary Accession #	P47929
GenBank Nucleotide #	NM_002307.3
NCBI Official Full Name	galectin-7
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 7
NCBI Official Symbol	LGALS7
NCBI Official Synonym Symbols	GAL7; LGALS7A
UniProt Protein Name	Galectin-7
UniProt Synonym Protein Names	HKL-14; PI7; p53-induced gene 1 protein
Protein Family	Galectin
UniProt Gene Name	LGALS7
UniProt Synonym Gene Names	PIG1; Gal-7
UniProt Entry Name	LEG7_HUMAN
NCBI Protein Information	galectin-7; galectin 7
NCBI Summary for LGALS7	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:653499) is found adjacent to, but on the opposite strand on chromosome 19. [provided by RefSeq, Jul 2008]

UniProt Comments for LGALS7	LGALS7B: Could be involved in cell-cell and/or cell-matrix interactions necessary for normal growth control. Pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release. Protein type: Cell adhesion; Apoptosis Chromosomal Location of Human Ortholog: 19q13.2 Cellular Component: extracellular space; cytoplasm; nucleus Molecular Function: carbohydrate binding Biological Process: heterophilic cell adhesion; apoptosis
Research Articles on LGALS7	**1.** High GAL-7 expression is associated with epithelial ovarian cancer.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-lgals7-mouse-antibody/galectin-7/3900953