

Rabbit LGALS3 Polyclonal Antibody | anti-LGALS3 antibody

LGALS3 Antibody - N-terminal region

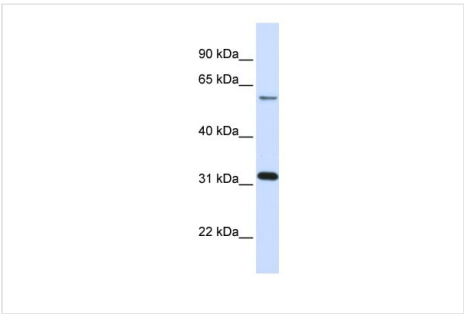
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200401	Rabbit	Tested Reactivity: Human, Mouse Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

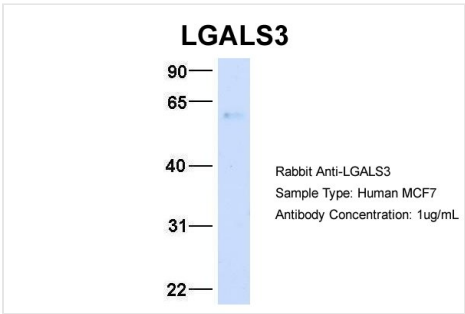
LGALS3; Polyclonal Antibody; LGALS3 Antibody - N-terminal region; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

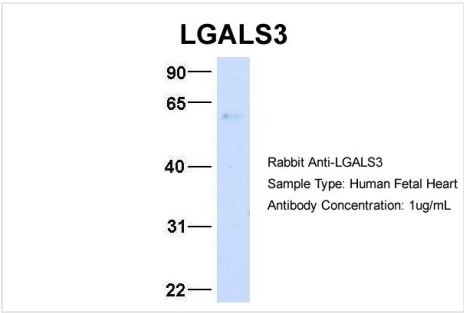
Host	Rabbit
Reactivity	Tested Reactivity: Human, Mouse Predicted Reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Applicable Applications for anti-LGALS3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Protein Size (# AA)	250 amino acids
Protein Interactions	PRR13; SS18L1; PPIG; LGALS3; GOLGA2; MAP1LC3A; SQSTM1; RAB7A; LAMP1; EGFR; CFTR; PAXIP1; BARD1; AGPS; IGBP1; GTF2I; CLNS1A; APP; SLC25A5; ACTA1; MYOC; LGALS3BP; CYHR1; GEMIN4; SUFU; CUBN; CSNK1A1; LIM2; FCGR2A; ELN; MMP2; CSNK2A2; CSNK2A1; C1GALT1C1; LGAL
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human LGALS3
Replacement Item	This antibody may replace item sc-155994 from Santa Cruz Biotechnology.
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 93%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 92%; Rat: 93%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.



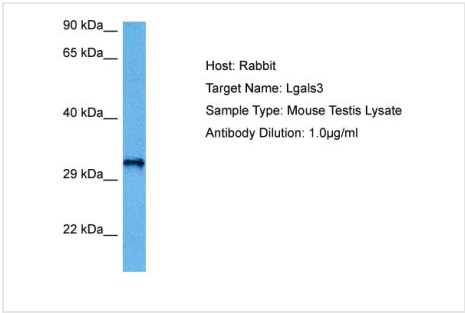
WB (Western Blot)
WB Suggested Anti-LGALS3 Antibody Titration: 1 ug/mlPositive Control: Fetal Lung cell lysate



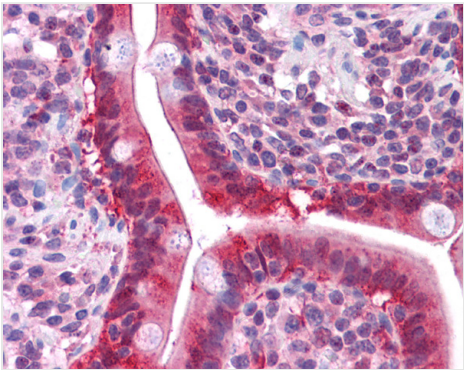
WB (Western Blot)
Host: RabbitTarget Name: LGALS3Sample Type: MCF7Antibody Dilution: 1.0ug/mL LGALS3 is supported by BioGPS gene expression data to be expressed in MCF7



WB (Western Blot)
Host: RabbitTarget Name: LGALS3Sample Type: Human Fetal HeartAntibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: MouseTarget Name: LGALS3Sample Tissue: Mouse TestisAntibody Dilution: 1ug/ml



IHC (Immunohistochemistry)
Human Small Intestine

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-LGALS3 antibody	Polyclonal ; Signal Proteins ; Lymphocyte Signaling ; Membrane Protein ; Developmental Biology ; Immunohistochemistry ; Receptors ; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430223
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NCBI GeneID	3958
NCBI Accession #	NP_002297
NCBI GenBank Nucleotide #	NM_002306
UniProt Accession #	P17931
Molecular Weight	26kDa
NCBI Official Full Name	galectin-3 isoform 1
NCBI Official Synonym Full Names	galectin 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/lgals3-antibody-western-blot-immunohistochemistry-elisa/200401>