

Rabbit LGALS1 Polyclonal Antibody | anti-LGALS1 antibody

LGALS1 Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200824	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

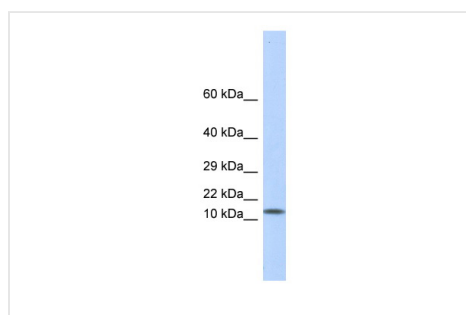
PRODUCT SYNONYMS

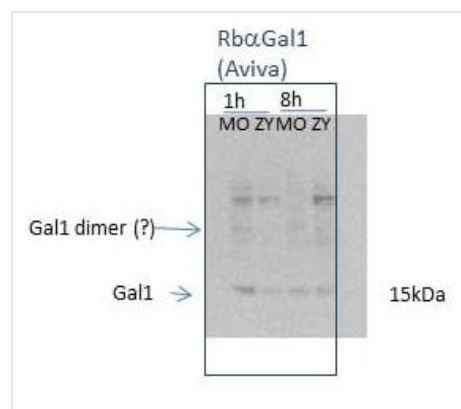
LGALS1; Polyclonal Antibody; LGALS1 Antibody - middle region; anti-LGALS1 antibody

PRODUCT SPECIFICATIONS

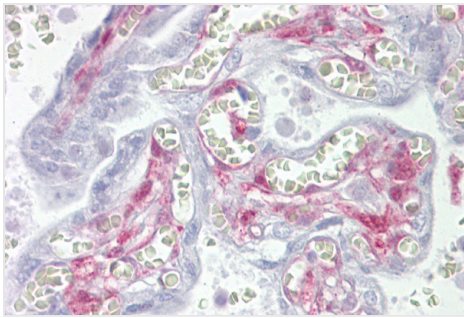
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EQ REAVFPFQPG SVAEVCITFD QANLTVKLPD GYEFKFPNRL NLEAINYM
Sequence Length	135
Applicable Applications for anti-LGALS1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Goat: 100%; Guinea Pig: 86%; Horse: 93%; Human: 100%; Mouse: 86%; Pig: 93%; Rabbit: 86%; Rat: 93%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human LGALS1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-LGALS1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:31250
Positive Control: Human Muscle

WB (Western Blot)

Mouse macrophages



IHC (Immunohistochemistry)
Immunohistochemistry with Placenta tissue at an antibody concentration of 5ug/ml using anti-LGALS1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS1 antibody	This is a rabbit polyclonal antibody against LGALS1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation.
Product Categories/Family for anti-LGALS1 antibody	Polyclonal; Lymphocyte Signaling; Neuroscience; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504981
NCBI GeneID	3956
NCBI Accession #	NP_002296
NCBI GenBank Nucleotide #	NM_002305
UniProt Accession #	P09382
Molecular Weight	15kDa
NCBI Official Full Name	galectin-1
NCBI Official Synonym Full Names	galectin 1
NCBI Official Symbol	LGALS1
NCBI Official Synonym Symbols	GBP; GAL1
NCBI Protein Information	galectin-1
UniProt Protein Name	Galectin-1
UniProt Gene Name	LGALS1
UniProt Synonym Gene Names	Gal-1; HLBP14
UniProt Entry Name	LEG1_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.