

Rabbit LGALS9 / Galectin 9 Polyclonal Antibody | anti-LGALS9 antibody

Rabbit Polyclonal (IgG) to Human LGALS9 / Galectin 9

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52059	Rabbit	Human, Mouse, Rat	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

LGALS9 / Galectin 9; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human LGALS9 / Galectin 9; Anti-LGALS9 / Galectin 9 Antibody (aa51-100) IHC-plus; LGALS9; Gal-9; HUAT; Galectin 9; Galectin-9; LGALS9A; Tumor antigen HOM-HD-21; Ecalectin; Human LGALS9; anti-LGALS9 antibody

PRODUCT SPECIFICATIONS

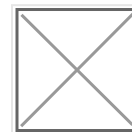
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	LEG9 Antibody detects endogenous levels of total LEG9 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	355
Applicable Applications for anti-LGALS9 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human LEG9 (aa51-100).
Immunogen	LGALS9 / Galectin 9 antibody was raised against synthetic peptide from human LEG9 (aa51-100).
Antigen Modification	aa51-100
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



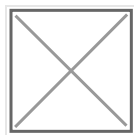
WB (Western Blot)

Western blot of extracts from HepG2 cells, using LEG9 Antibody. The lane on the right is treated with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence of NIH-3T3 cells, using LEG9 Antibody. The picture on the right is treated with the synthesized peptide.



IHC (Immunohistochemistry)

Anti-LGALS9 / Galectin-9 antibody IHC of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS9 antibody

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS9 is an S-type lectin. This galectin is strongly overexpressed in Hodgkin's disease tissue and it might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its consistently associated immunodeficiency.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6806890
NCBI GeneID	3965
NCBI Accession #	NP_033665.1
NCBI GenBank Nucleotide #	NM_009587.2
UniProt Accession #	O00182; O14532; O75028; Q3B8N1; Q53FQ0; Q9NQ58; A7VJG6
Molecular Weight	35,888 Da
NCBI Official Full Name	galectin-9 isoform long
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 9
NCBI Official Symbol	LGALS9
NCBI Official Synonym Symbols	HUAT; LGALS9A
NCBI Protein Information	galectin-9; gal-9; ecalectin; galectin 9; tumor antigen HOM-HD-21; urate transporter/channel protein
UniProt Protein Name	Galectin-9
UniProt Gene Name	LGALS9
UniProt Synonym Gene Names	Gal-9
UniProt Entry Name	LEG9_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/lgals9-galectin-9-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52059>