

Rabbit anti-Human, Rat Galectin 2 Polyclonal Antibody | anti-LGALS2 antibody

Anti-Galectin 2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA291202	Rabbit	Human, Rat	Immunohistochemistry, Immunofluorescence, Western Blot

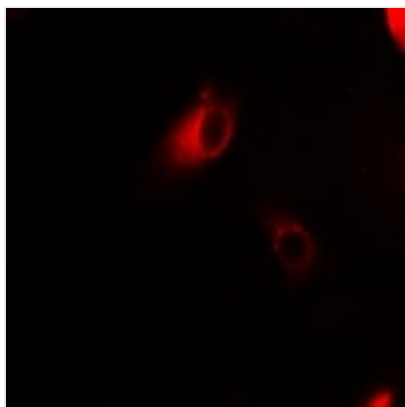
PRODUCT SYNONYMS

Galectin 2; Polyclonal Antibody; Anti-Galectin 2 Antibody; Galectin-2; Gal-2; Beta-galactoside-binding lectin L-14-II; HL14; Lactose-binding lectin 2; S-Lac lectin 2; anti-LGALS2 antibody

PRODUCT SPECIFICATIONS

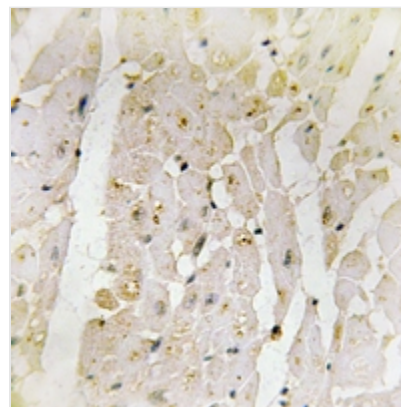
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Applicable Applications for anti-LGALS2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



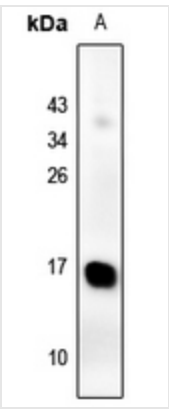
IF (Immunofluorescence)

Dilution: IF: 1/50 - 1/200 Immunofluorescent analysis of Galectin 2 staining in COS7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Dilution: IH 1/50 - 1/200 Immunohistochemical analysis of Galectin 2 staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
Dilution: WB 1/500 - 1/1000Western blot analysis of Galectin 2 expression in rat kidney (A)
whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS2 antibody	Rabbit polyclonal antibody to Galectin 2
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5729903
NCBI GeneID	3957
NCBI Accession #	NP_006489.1
NCBI GenBank Nucleotide #	NM_006498.2
UniProt Accession #	P05162; Q6FGY4
Molecular Weight	14,644 Da
NCBI Official Full Name	galectin-2
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 2
NCBI Official Symbol	LGALS2
NCBI Official Synonym Symbols	HL14
NCBI Protein Information	galectin-2; gal-2; galectin 2; S-Lac lectin 2; lactose-binding lectin 2; beta-galactoside-binding lectin L-14-II
UniProt Protein Name	Galectin-2
UniProt Gene Name	LGALS2
UniProt Synonym Gene Names	Gal-2
UniProt Entry Name	LEG2_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.