

Anti-Galectin 2 Antibody

Catalog # AP54035

Product Information

Application	WB, IF
Primary Accession	P05162
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14644

Additional Information

Gene ID	3957
Other Names	Galectin-2; Gal-2; Beta-galactoside-binding lectin L-14-II; HL14; Lactose-binding lectin 2; S-Lac lectin 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Galectin 2. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/1000 IF~~1/50 - 1/200
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

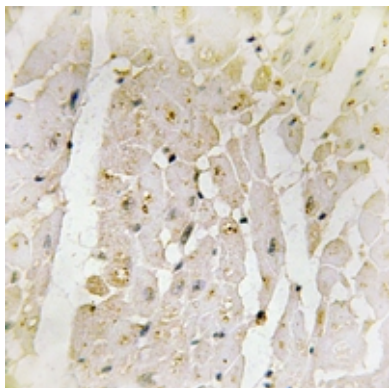
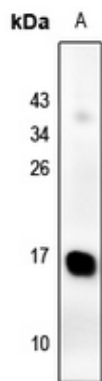
Name	LGALS2
Function	This protein binds beta-galactoside. Its physiological function is not yet known.

Background

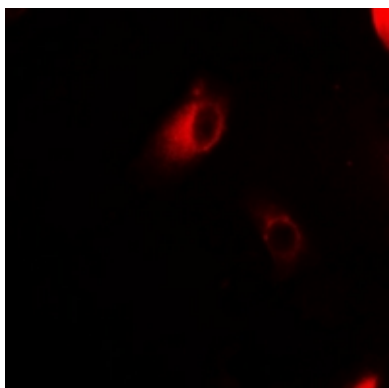
Rabbit polyclonal antibody to Galectin 2

Images

Western blot analysis of Galectin 2 expression in rat kidney (A) whole cell lysates.



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.



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 °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.

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