

Datasheet for ABIN7598985
anti-LGALS7B antibody (AA 1-136)



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Overview

Quantity:	100 µg
Target:	LGALS7B
Binding Specificity:	AA 1-136
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGALS7B antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Anti-Galectin-7/LGALS7 Antibody Picoband®
Immunogen:	E.coli-derived human LGALS7 recombinant protein (Position: M1-F136). Human Galectin-7/LGALS7 shares 78.7% and 72.8% amino acid (aa) sequence identity with mouse and rat LGALS7, respectively.
Characteristics:	Anti-Galectin-7/LGALS7 Antibody Picoband® (ABIN7598985). Tested in WB, ELISA applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	LGALS7B
Alternative Name:	LGALS7, LGALS7B (LGALS7B Products)
Background:	Galectin-7 is a protein that in humans is encoded by the LGALS7 gene. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:653499) is found adjacent to, but on the opposite strand on chromosome 19.
Molecular Weight:	15 kDa
Gene ID:	3963
UniProt:	P47929

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Mouse, Rat ELISA, 0.1-0.5 µg/mL, - 1. Cao, Z., Said, N., Amin, S., Wu, H. K., Bruce, A., Garate, M., Hsu, D. K., Kuwabara, I., Liu, F.-T., Panjwani, N. Galectin-3 and -7, but not galectin-1, play a role in re-epithelialization of wounds. J. Biol. Chem. 277: 42299-42305, 2002. 2. Cao, Z., Said, N., Wu, H. K., Kuwabara, I., Liu, F.-T., Panjwani, N. Galectin-7 as a potential mediator of corneal epithelial cell migration. Arch. Ophthalmol. 121: 82-86, 2003. 3. Hartz, P. A. Personal Communication. Baltimore, Md. 10/3/2016.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.