

Datasheet for ABIN3043401
anti-LGALS8 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	LGALS8
Binding Specificity:	AA 286-317, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGALS8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Anti-Galectin 8/LGALS8 Antibody Picoband®
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Galectin 8, different from the related mouse and rat sequences by six amino acids.
Sequence:	HSLEYKHRFK ELSSIDTLEI NGDIHLLEVR SW
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins
Characteristics:	Anti-Galectin 8/LGALS8 Antibody Picoband® (ABIN3043401). Tested in WB 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.

Product Details

Purification: Immunogen affinity purified.

Target Details

Target: LGALS8

Alternative Name: LGALS8 ([LGALS8 Products](#))

Background: Synonyms: Galectin-8, Gal-8, Po66 carbohydrate-binding protein, Po66-CBP, Prostate carcinoma tumor antigen 1, PCTA-1, LGALS8,
Tissue Specificity: Ubiquitous. Selective expression by prostate carcinomas versus normal prostate and benign prostatic hypertrophy.
Background: Galectin-8 is a protein of the galectin family that in humans is encoded by the LGALS8 gene. This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified.

Molecular Weight: 36 kDa

Gene ID: 3964

UniProt: [O00214](#)

Application Details

Application Notes: Western blot, 0.1-0.5 µg/mL, Human, Mouse, Rat
1. "Entrez Gene: LGALS8 lectin, galactoside-binding, soluble, 8 (galectin 8)". 2. Hadari YR, Paz K, Dekel R, Mestrovic T, Accili D, Zick Y (Mar 1995). "Galectin-8. A new rat lectin, related to galectin-4". J Biol Chem 270 (7): 3447-53. 3. Su ZZ, Lin J, Shen R, Fisher PE, Goldstein NI, Fisher PB (Aug 1996). "Surface-epitope masking and expression cloning identifies the human prostate carcinoma tumor antigen gene PCTA-1 a member of the galectin gene family". Proc Natl Acad Sci U S A 93 (14): 7252-7.

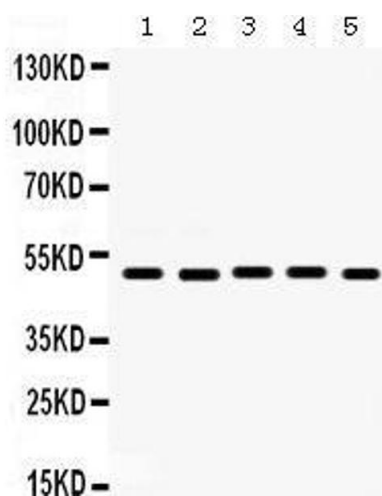
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB.

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 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 Na ₂ HPO ₄ , 0.05 mg NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	Store 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 freeze-thaw cycles.

Images



Western Blotting

Image 1.