

Datasheet for ABIN2785503
anti-LGALS8 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	LGALS8
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGALS8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human LGALS8
Sequence:	FPFSPGMYFE MIIYCDVREF KVAVNGVHSL EYKHRFKELS SIDTLEINGD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 93%, Rabbit: 100%, Rat: 93%, Zebrafish: 91%
Characteristics:	This is a rabbit polyclonal antibody against LGALS8. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LGALS8
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Target Details

Alternative Name:	LGALS8 (LGALS8 Products)
Background:	LGALS8 is 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. 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. Alias Symbols: Gal-8, PCTA-1, PCTA1, Po66-CBP Protein Interaction Partner: MID2, CALCOCO2, TAX1BP1, UBC, TRIM23, APEH, EGFR, PAN2, BARD1, CUL1, NDP, ITGA3, ITGA4, ITGB1, Protein Size: 359
Molecular Weight:	39 kDa
Gene ID:	3964
NCBI Accession:	NM_006499 , NP_006490
UniProt:	Q9BXC8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 359 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

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 freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-LGALS8 Antibody Titration:

0.2-1 ug/ml

Positive Control: Hela cell lysate