

Galectin-8 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03452
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human LEG8. AA range:61-110
Mol wt	35539
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Galectin-8 Antibody
Synonyms	LGALS8; Galectin-8; Gal-8; Po66 carbohydrate-binding protein; Po66-CBP; Prostate carcinoma tumor antigen 1; PCTA-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

LGALS8 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

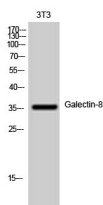
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

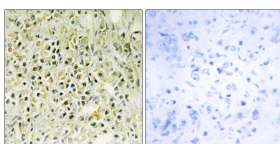
ELISA: 1: 20000

Not yet tested in other applications.

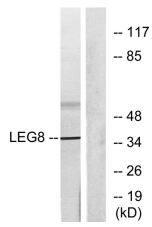
Images



Western Blot analysis of 3T3 cells using Galectin-8 Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using LEG8 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from NIH/3T3 cells, using LEG8 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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