Product Name: **Galectin-8 Rabbit Polyclonal Antibody**
Catalog #: **APRab11276**
For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:100-1:300,ELISA 1:10000-1:20000
Molecular Weight	36kDa

Antigen Information

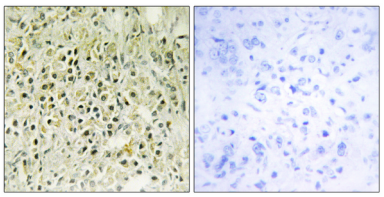
Gene Name	LGALS8
Alternative Names	LGALS8; Galectin-8; Gal-8; Po66 carbohydrate-binding protein; Po66-CBP; Prostate carcinoma tumor antigen 1; PCTA-1
Gene ID	3964.0
SwissProt ID	O00214
Immunogen	The antiserum was produced against synthesized peptide derived from human LEG8. AA range:61-110

Background

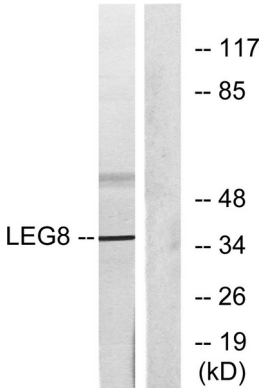
This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, 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. [provided by RefSeq, Jul 2008],domain:Contains two homologous but distinct carbohydrate-binding domains.,online information:Galectin-8 C-terminal CRD,online information:Galectin-8 long isoform,similarity:Contains 2 galectin domains.,tissue specificity:Ubiquitous. Selective expression by prostate carcinomas versus normal prostate and benign prostatic hypertrophy.,

Research Area

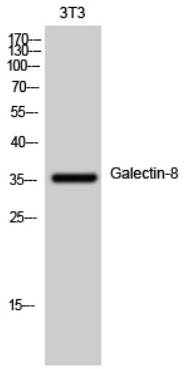
Image Data



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.



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