

Galectin-8 Polyclonal Antibody

Catalog No :	YT1840
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	Galectin-8
Gene Name :	LGALS8
Protein Name :	Galectin-8
Human Gene Id :	3964
Human Swiss Prot No :	O00214
Mouse Gene Id :	56048
Mouse Swiss Prot No :	Q9JL15
Immunogen :	The antiserum was produced against synthesized peptide derived from human LEG8. AA range:61-110
Specificity :	Galectin-8 Polyclonal Antibody detects endogenous levels of Galectin-8 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000. IF 1:100-300 Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 36kD

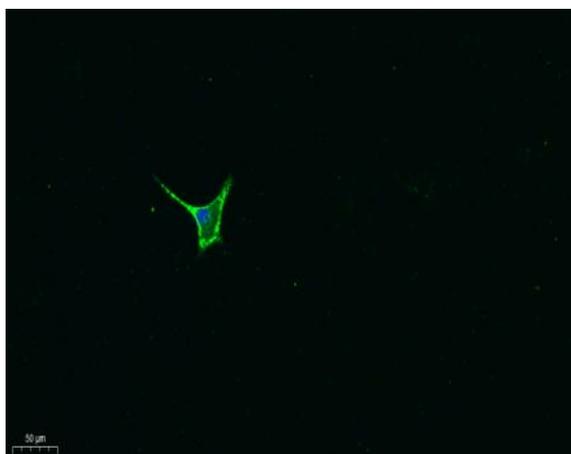
Background : This gene encodes a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix 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],

Function : 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.,

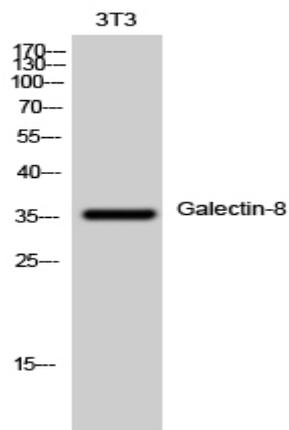
Subcellular Location : Cytoplasmic vesicle . Cytoplasm, cytosol .

Expression : Ubiquitous. Selective expression by prostate carcinomas versus normal prostate and benign prostatic hypertrophy.

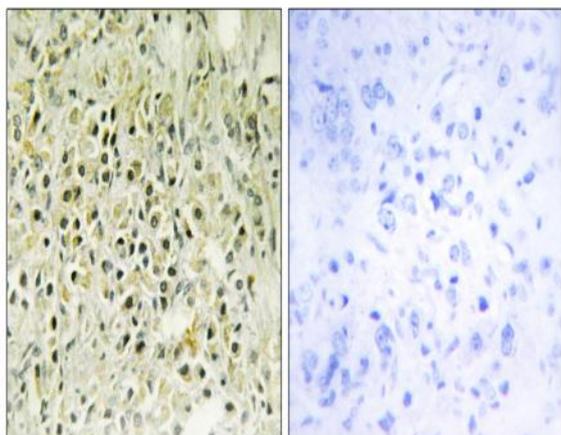
Products Images



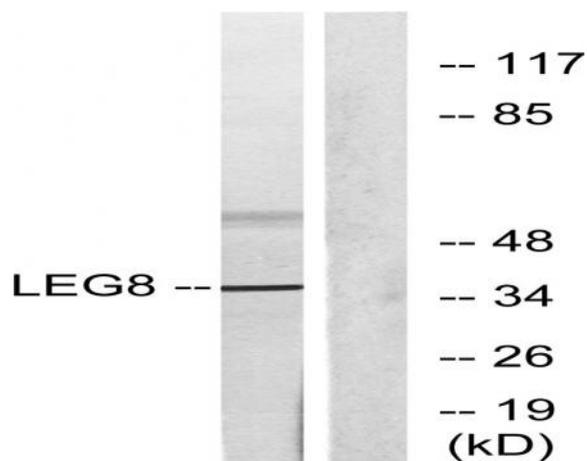
Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



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.