

Galectin-7 Polyclonal Antibody

Catalog No :	YT1839
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;WB;ELISA
Target :	Galectin-7
Gene Name :	LGALS7
Protein Name :	Galectin-7
Human Gene Id :	3963/653499
Human Swiss Prot No :	P47929
Mouse Swiss Prot No :	O54974
Rat Gene Id :	29518
Rat Swiss Prot No :	P97590
Immunogen :	The antiserum was produced against synthesized peptide derived from human LEG7. AA range:41-90
Specificity :	Galectin-7 Polyclonal Antibody detects endogenous levels of Galectin-7 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
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)

Molecularweight : 16kD

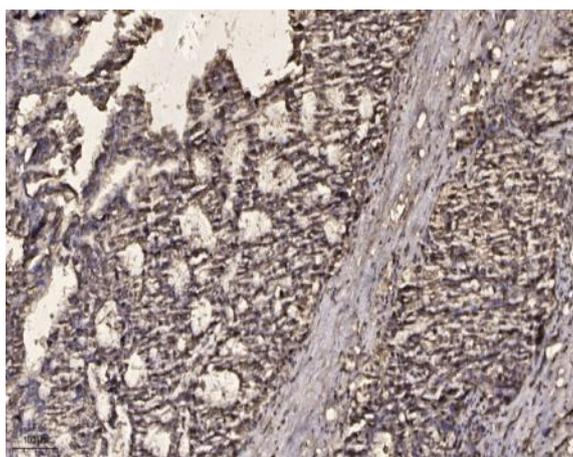
Background : The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:653499) is found adjacent to, but on the opposite strand on chromosome 19. [provided by RefSeq, Jul 2008],

Function : function:Could be involved in cell-cell and/or cell-matrix interactions necessary for normal growth control. Pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release.,induction:By p53.,online information:Galectin-7,similarity:Contains 1 galectin domain.,subcellular location:May be secreted by a non-classical secretory pathway.,subunit:Monomer.,tissue specificity:Mainly in stratified squamous epithelium.,

Subcellular Location : Cytoplasm . Nucleus . Secreted . May be secreted by a non-classical secretory pathway.

Expression : Mainly expressed in stratified squamous epithelium.

Products Images



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).