

Galectin-7 rabbit pAb**Cat#: orb768983 (Manual)**

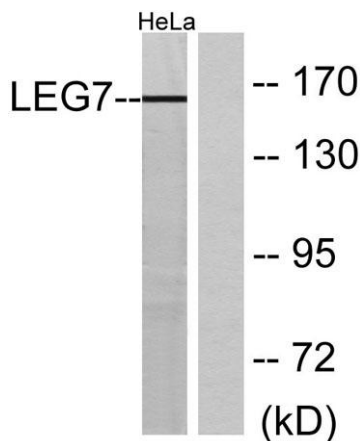
For research use only. Not intended for diagnostic use.

Product Name	Galectin-7 rabbit pAb
Host species	Rabbit
Applications	IHC;IF;WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
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..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Galectin-7
Gene Name	LGALS7
Cellular localization	Cytoplasm . Nucleus . Secreted . May be secreted by a non-classical secretory pathway.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

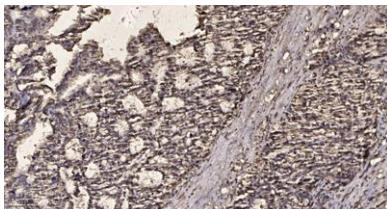
Concentration	1 mg/ml
Observed band	160kD
Human Gene ID	3963/653499
Human Swiss-Prot Number	P47929
Alternative Names	LGALS7; PIG1; LGALS7B; Galectin-7; Gal-7; HKL-14; PI7; p53-induced gene 1 protein

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],



Western blot analysis of lysates from HeLa cells, using LEG7 Antibody. The lane on the right is blocked with the synthesized peptide.



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).