

Galectin-7 Antibody
Rabbit Polyclonal Antibody
Catalog # ABV11030**Specification**

Galectin-7 Antibody - Product Information

Application	WB
Primary Accession	P47929
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	15075

Galectin-7 Antibody - Additional Information**Gene ID** 3963;653499**Application & Usage**

Western blot analysis (0.5-4 µg/ml). Per researcher's feedback, it can also be used in neutralization (5-10 µg/ml). However, the optimal conditions should be determined individually. Recombinant human Galectin-7 can be used as a positive control.

Other Names

Galectin7, Galectin 7, Galectin-7, Gal-7; Gal7, GAL7, GAL-7, HKL-14; PI7; p53-induced gene 1 protein, lectin

Target/Specificity

Galectin-7

Antibody Form

Liquid

Appearance

Colorless liquid

Formulation

100 µg (0.5 mg/ml) affinity purified rabbit anti-human Galectin-7 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions

Galectin-7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Galectin-7 Antibody - Protein Information

Name LGALS7

Synonyms PIG1

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.

Cellular Location

Cytoplasm. Nucleus. Secreted. Note=May be secreted by a non-classical secretory pathway

Tissue Location

Mainly expressed in stratified squamous epithelium.

Galectin-7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Galectin-7 Antibody - Images**Galectin-7 Antibody - Background**

Galectin-7 belongs to growing family of evolutionary conserved animal lectins. Galectins consists of beta-galactoside binding lectins that contain homologous carbohydrate recognition domains (CRDs). Galectin has the ability to induce apoptosis of activated T-cells and T-leukaemia cell lines. Other activities include cell differentiation and inhibition activity of CD45 protein phosphatase activity. Galectin also binds beta-galactoside as well as CD45, CD3 and CD4. Recombinant Human Galectin-7 is a 15.4 kDa protein consisting of 136 amino acid residues.