


# Anti-Galectin 7 antibody ab10482

★★★★★ [5 Abreviews](#) [9 References](#) [1 图像](#)

### 概述

产品名称	Anti-Galectin 7抗体
描述	兔多克隆抗体to Galectin 7
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF, IP, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human Galectin 7 aa 100 to the C-terminus. Database link: <a href="#">3963</a>

### 常规说明

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridizations indicate that this lectin is specifically expressed in keratinocytes. It is expressed at all stages of epidermal differentiation (i.e., in basal and suprabasal layers). The protein was found mainly in stratified squamous epithelium. It is moderately repressed by retinoic acid. The antigen localized to basal keratinocytes, although it was also found at lower levels in the suprabasal layers, where it concentrated to areas of cell-to-cell contact. The cellular localization and its striking down-regulation in cultured keratinocytes imply a role in cell-cell and/or cell-matrix interactions necessary for normal growth control.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7

Preservative: 0.1% Sodium azide  
Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris

**纯度** Immunogen affinity purified  
**纯化说明** Antibodies were affinity purified using the peptide immobilized on solid support.

**Primary antibody说明** The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridizations indicate that this lectin is specifically expressed in keratinocytes. It is expressed at all stages of epidermal differentiation (i.e., in basal and suprabasal layers). The protein was found mainly in stratified squamous epithelium. It is moderately repressed by retinoic acid. The antigen localized to basal keratinocytes, although it was also found at lower levels in the suprabasal layers, where it concentrated to areas of cell-to-cell contact. The cellular localization and its striking down-regulation in cultured keratinocytes imply a role in cell-cell and/or cell-matrix interactions necessary for normal growth control.

**克隆** 多克隆  
**同种型** IgG

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab10482于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (3)	1/10000 - 1/40000. Detects a band of approximately 14 kDa (predicted molecular weight: 16 kDa).
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration.
IP		Use at 10-20 µg/mg of lysate.
IHC-P		Use at an assay dependent concentration.

## 靶标

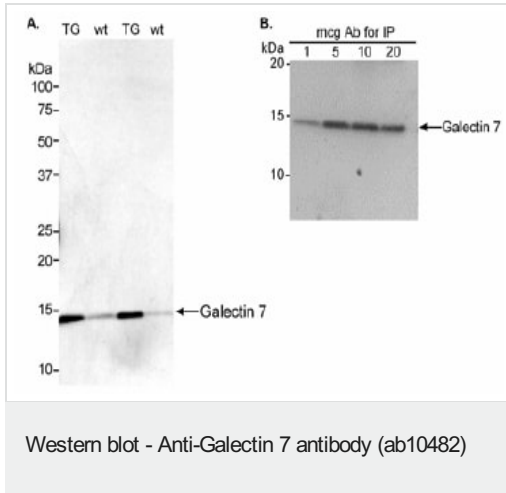
**功能** Could be involved in cell-cell and/or cell-matrix interactions necessary for normal growth control. Pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release.

**组织特异性** Mainly expressed in stratified squamous epithelium.

**序列相似性** Contains 1 galectin domain.

**细胞定位** Cytoplasm. Nucleus. Secreted. May be secreted by a non-classical secretory pathway.

## 图片



**ab10481** detection of mouse galectin 7 by Western blot and immunoprecipitation. *Samples:* A. Modified RIPA extract (10 µg) from the epidermis of FVB wild-type (wt) or galectin 7 transgenic (TG) mice. B. Modified RIPA extract (20 µg) from the epidermis of FVB wild-type mice. *Antibody:* ab10482 used at 0.005 (A) or 0.0025 (B) µg/ml for WB and as indicated for IP. *Detection:* Chemiluminescence with 1 second exposure time.

**ab10481** detection of mouse galectin 7 by Western blot and immunoprecipitation. *Samples:* A. Modified RIPA extract (10 µg) from the epidermis of FVB wild-type (wt) or galectin 7 transgenic (TG) mice. B. Modified RIPA extract (20 µg) from the epidermis of FVB wild-type mice. *Antibody:* ab10482 used at 0.005 (A) or 0.0025 (B) µg/ml for WB and as indicated for

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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