


Anti-Galectin 7 antibody ab10482

★★★★★ [5 Abreviews](#) [9 References](#) [画像数 1](#)

製品の概要

製品名	Anti-Galectin 7 antibody
製品の詳細	Rabbit polyclonal to Galectin 7
由来種	Rabbit
アプリケーション	適用あり: WB, ICC/IF, IP, IHC-P
種交差性	交差種: Mouse, Human 交差が予測される動物種: Chimpanzee, Gorilla, Orangutan 
免疫原	Synthetic peptide corresponding to Human Galectin 7 aa 100 to the C-terminus. Database link: 3963

特記事項

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.

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製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7

	Preservative: 0.1% Sodium azide Constituents: 0.021% PBS, 1.764% Sodium citrate, 1.815% Tris
精製度	Immunogen affinity purified
特記事項 (精製)	Antibodies were affinity purified using the peptide immobilized on solid support.
一次抗体 備考	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.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

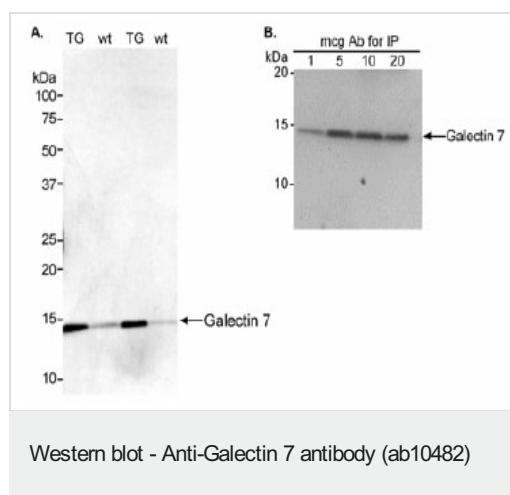
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アプリケーション	Abreviews	特記事項
WB	★★★★★ (3)	1/10000 - 1/40000. Detects a band of approximately 14 kDa (predicted molecular weight: 16 kDa).
ICC/IF	★★★★★ (2)	Use at an assay dependent concentration.
IP		Use at 10-20 µg/mg of lysate.
IHC-P		Use at an assay dependent concentration.

ターゲット情報

機能	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.
組織特異性	Mainly expressed in stratified squamous epithelium.
配列類似性	Contains 1 galectin domain.
細胞内局在	Cytoplasm. Nucleus. Secreted. May be secreted by a non-classical secretory pathway.

画像



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.

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