

## Product datasheet

# Anti-beta Galactosidase antibody ab107114

### 画像数 1

#### 製品の概要

製品名	Anti-beta Galactosidase antibody
製品の詳細	Chicken polyclonal to beta Galactosidase
由来種	Chicken
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Escherichia coli
免疫原	Escherichia coli beta Galactosidase
ポジティブ・コントロール	This antibody gave a positive signal when tested against B-galactosidase from E. coli.

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 3% BSA
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgY

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab107114** in the following tested applications.

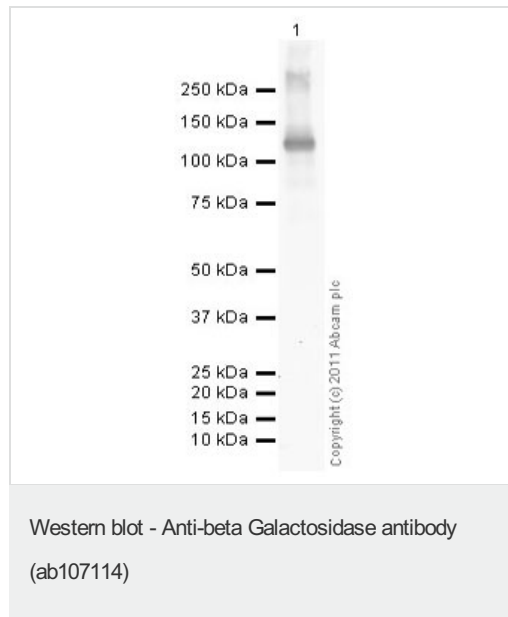
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 116 kDa (predicted molecular weight: 116 kDa).

## ターゲット情報

<b>関連性</b>	Beta galactosidase is coded by a gene ( <i>lac z</i> ) in the <i>lac</i> operon of <i>Escherichia coli</i> . It is a metalloenzyme that splits lactose into glucose and galactose. It hydrolyzes terminal, non-reducing beta-D-galactose residues in beta-D-galactosides. Activation by cations seems to be substrate dependent. K <sup>+</sup> , Na <sup>+</sup> , NH <sub>4</sub> <sup>+</sup> , Rb <sup>+</sup> , Cs <sup>+</sup> and Mn <sup>++</sup> all activate enzyme activity based upon the substrate used.
<b>細胞内局在</b>	Cytoplasmic

## 画像



Anti-beta Galactosidase antibody (ab107114)  
at 1 µg/ml + B-galactosidase from *E. coli* at 10 µg

### Secondary

Goat polyclonal Secondary Antibody to  
Chicken IgY - H&L (HRP) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 116 kDa

**Observed band size:** 116 kDa

**Additional bands at:** >250 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 2 minutes

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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