

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	適用あり: WB
種交差性	交差種: 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

関連性 Beta galactosidase is coded by a gene (*lac z*) in the *lac* operon of *Escherichia coli*. 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⁺, Na⁺, NH₄⁺, Rb⁺, Cs⁺ and Mn⁺⁺ all activate enzyme activity based upon the substrate used.

細胞内局在 Cytoplasmic

画像



Western blot - Anti-beta Galactosidase antibody (ab107114)

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

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