

# Anti-Beta-glucuronidase Rabbit Polyclonal Antibody



**Catalog #: 51417**

## Aliases

Beta-glucuronidase; Beta-G1

## Background

Gene Name: GUSB

NCBI Gene Entry: [2990](#)

UniProt Entry: [P08236](#)

## Application Information

Molecular Weight: Predicted, 74 kDa; observed, 82 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, dog, pig

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human Beta-glucuronidase

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:50-1:200

**Note:** This product is for research use only.

## Validation Data

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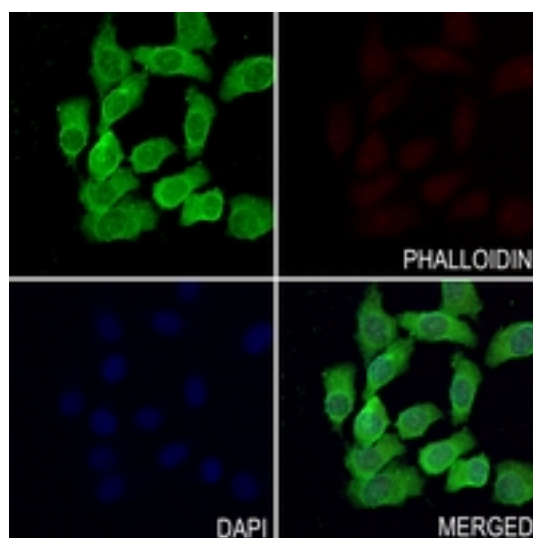
### SUPPORT

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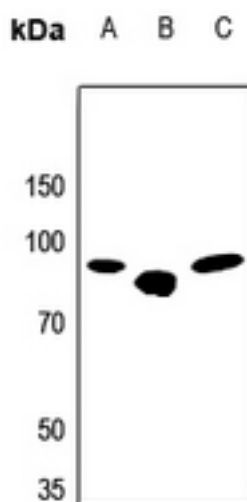
### ORDERS

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Immunocytochemical analysis of Beta-glucuronidase staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of Beta-glucuronidase expression in Hela (A), mouse liver (B), rat lung (C) whole cell lysates.