10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Beta-glucuronidase Antibody

Catalog # AP60302

Product Information

Application	WB, IF/IC
Primary Accession	P08236
Reactivity	Human, Mouse, Rat, Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74732

Additional Information

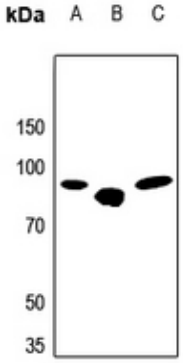
Gene ID	2990
Other Names	Beta-glucuronidase; Beta-G1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Beta-glucuronidase. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

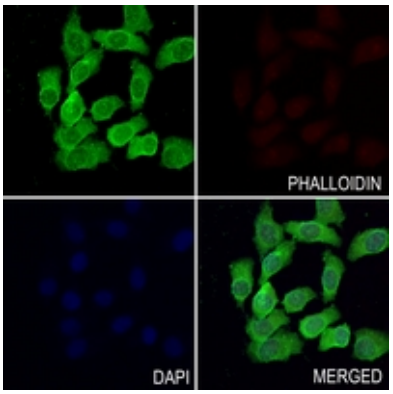
Protein Information

Name	GUSB
Function	Plays an important role in the degradation of dermatan and keratan sulfates.
Cellular Location	Lysosome.

Images

Western blot analysis of Beta-glucuronidase expression in Hela (A), mouse liver (B), rat lung (C) whole cell lysates. (Predicted band size: 74 kD; Observed band size: 82 kD)





Immunofluorescent 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 hidified 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.