Datasheet for ABIN6256968

# anti-Glucuronidase beta antibody (Internal Region)

3 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | Glucuronidase beta (GUSB) |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Glucuronidase beta antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF) |

## Product Details

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|---|---|
| Immunogen: | A synthesized peptide derived from human GUSB, corresponding to a region within the internal amino acids. |
| Isotype: | IgG |
| Specificity: | GUSB Antibody detects endogenous levels of total GUSB. |
| Predicted Reactivity: | Pig,Zebrafish,Bovine,Rabbit,Dog,Chicken,Xenopus |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific). |

## Target Details

| | |
|---|---|
| Target: | Glucuronidase beta (GUSB) |

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## Target Details

| | |
|---|---|
| Alternative Name: | GUSB (GUSB Products) |
| Background: | Description: Plays an important role in the degradation of dermatan and keratan sulfates.<br>Gene: GUSB |
| Molecular Weight: | 78 kDa |
| Gene ID: | 2990 |
| UniProt: | P08236 |
| Pathways: | Glycosaminoglycan Metabolic Process |

## Application Details

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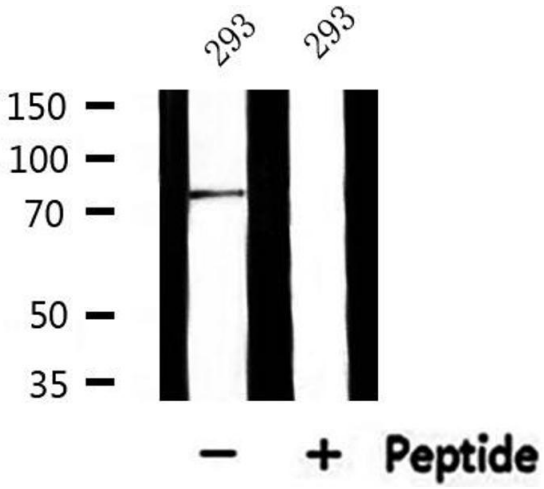
|---|---|
| Application Notes: | WB 1:500-1:1000, IF/ICC 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000 |
| Restrictions: | For Research Use only |

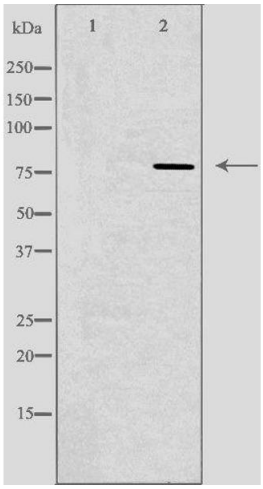
## Handling

| | |
|---|---|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
| Expiry Date: | 12 months |



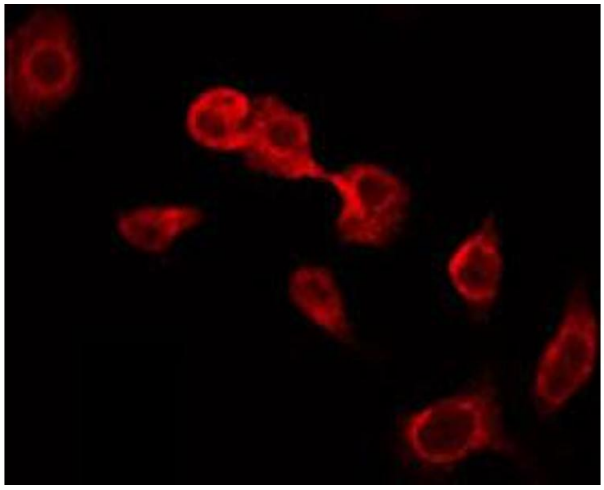

**Western Blotting**

**Image 1.** Western blot analysis of extracts from 293, using GUSB Antibody.




**Western Blotting**

**Image 2.** Western blot analysis of extracts from HeLa cells, using GUSB antibody.The lane on the left is treated with the antigen-specific peptide.



**Immunofluorescence (fixed cells)**

**Image 3.** ABIN6274914 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

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