Rabbit GUSB Polyclonal Antibody | anti-GUSB antibody

GUSB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324517	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

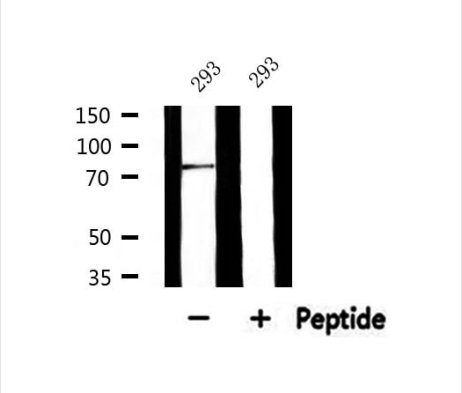
PRODUCT SYNONYMS

GUSB; Polyclonal Antibody; GUSB Antibody; Ac2-223; asd; Beta G1; Beta glucuronidase; Beta-G1; Beta-glucuronidase; BG; BGLR; BGLR_HUMAN; FLJ39445; Glucuronidase beta; Gur; Gus; Gus-r; Gus-s; Gus-t; Gus-u; Gut; MPS7; anti-GUSB antibody

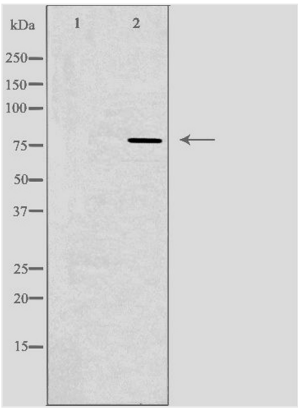
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	GUSB antibody detects endogenous levels of total GUSB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	651
Applicable Applications for anti-GUSB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GUSB, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

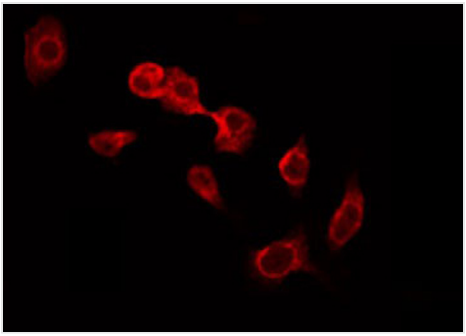
IMAGES



WB (Western Blot)
Western blot analysis of extracts from 293, using GUSB Antibody.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using GUSB antibody.The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA324517 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 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GUSB antibody	Function: Plays an important role in the degradation of dermatan and keratan sulfates. Similarity: Belongs to the glycosyl hydrolase 2 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	268834192
NCBI GeneID	2990
NCBI Accession #	NP_000172.2
NCBI GenBank Nucleotide #	NM_000181.3
UniProt Accession #	P08236; Q549U0; Q96CL9; B4E1F6; E9PCV0
Molecular Weight	78 kD
NCBI Official Full Name	beta-glucuronidase isoform 1
NCBI Official Synonym Full Names	glucuronidase beta
NCBI Official Symbol	GUSB
NCBI Official Synonym Symbols	BG; MPS7
NCBI Protein Information	beta-glucuronidase
UniProt Protein Name	Beta-glucuronidase
UniProt Gene Name	**GUSB**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/polyclonal/gusb-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324517