

# Product Datasheet

## **beta-Glucuronidase/GUSB Antibody - BSA Free NBP1-87511**

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-87511**

beta-Glucuronidase/GUSB Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol
<b>Target Molecular Weight</b>	75 kDa

**Product Description**

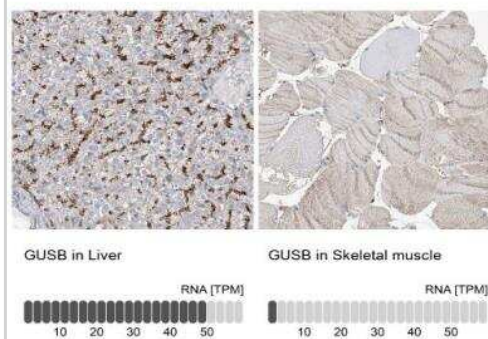
<b>Host</b>	Rabbit
<b>Gene ID</b>	2990
<b>Gene Symbol</b>	GUSB
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%)
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GYLPFEADISNLVQVGPLPSRLRITIAINNTLTPTTLPPGTIQYLTDTSKYPKGYFV QNTYFDFFNAYAGLQRSVLLYTTPTTYIDITVTTS

**Product Application Details**

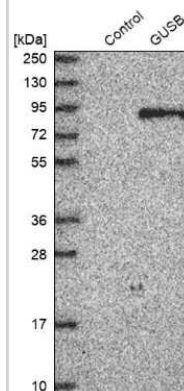
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200-1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

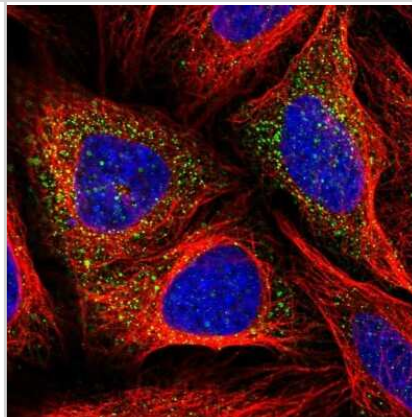
Immunohistochemistry-Paraffin: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - Analysis in human liver and skeletal muscle tissues using NBP1-87511 antibody. Corresponding GUSB RNA-seq data are presented for the same tissues.



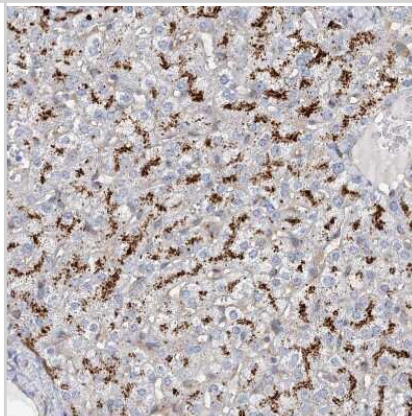
Western Blot: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - Analysis in control (vector only transfected HEK293T lysate) and GUSB over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



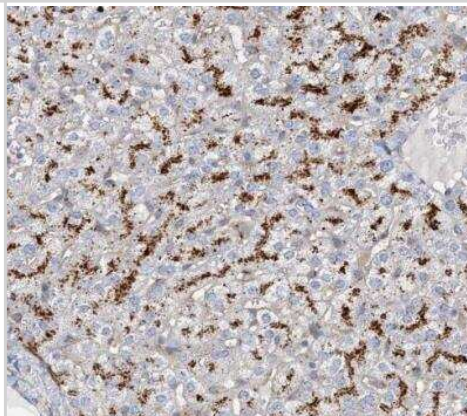
Immunocytochemistry/Immunofluorescence: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



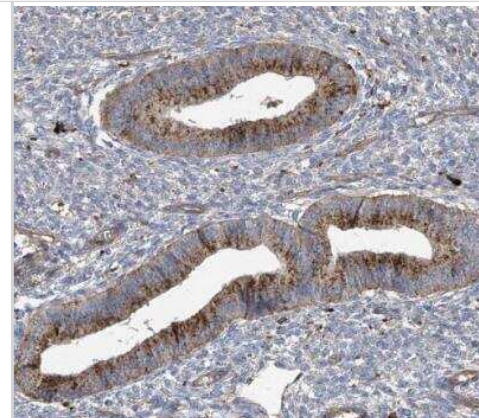
Immunohistochemistry-Paraffin: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - Staining of human Liver shows strong positivity in lysosomes in hepatocytes.



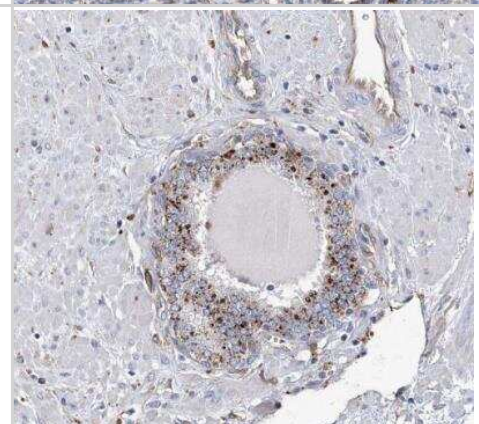
Immunohistochemistry-Paraffin: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - Staining of human liver shows strong positivity in lysosomes in hepatocytes.



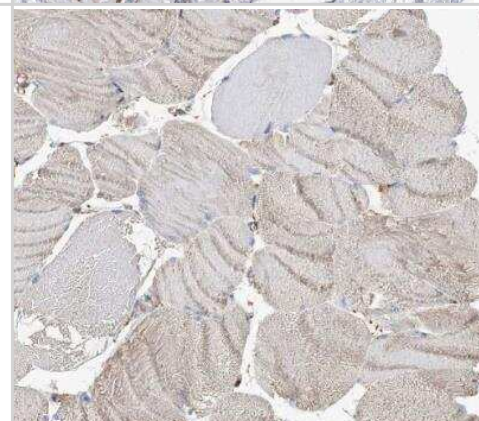
Immunohistochemistry-Paraffin: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - Staining of human endometrium shows strong positivity in lysosomes in glandular cells.



Immunohistochemistry-Paraffin: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - Staining of human prostate shows positivity in lysosomes in glandular cells.



Immunohistochemistry-Paraffin: beta-Glucuronidase/GUSB Antibody [NBP1-87511] - Staining of human skeletal muscle shows very weak positivity in myocytes.





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### **Products Related to NBP1-87511**

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NBP1-87511PEP	beta-Glucuronidase/GUSB Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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