

# Product Datasheet

## Glutathione S-Transferase mu 1/GSTM1 Antibody - BSA Free NBP1-33523

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP1-33523**

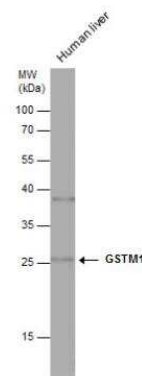
Glutathione S-Transferase mu 1/GSTM1 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris-Glycine (pH7), 10% Glycerol
Target Molecular Weight	26 kDa
Product Description	
Host	Rabbit
Gene ID	2944
Gene Symbol	GSTM1
Species	Human, Mouse, Rat
Reactivity Notes	Bovine (83%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Glutathione S-Transferase mu 1/GSTM1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

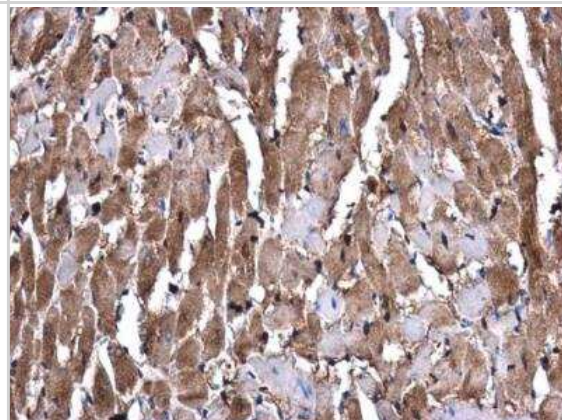


## Images

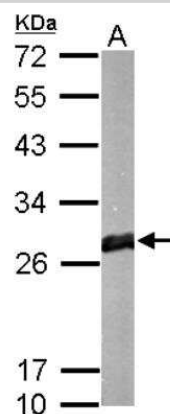
Western Blot: Glutathione S-Transferase mu 1/GSTM1 Antibody [NBP1-33523] - Human tissue extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with GSTM1 antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



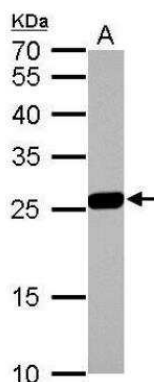
Immunohistochemistry-Paraffin: Glutathione S-Transferase mu 1/GSTM1 Antibody [NBP1-33523] - Rat heart GSTM1 antibody diluted at 1:400. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: Glutathione S-Transferase mu 1/GSTM1 Antibody [NBP1-33523] - A. 50 ug mouse brain lysate/extract 12% SDS-PAGE GSTM1 antibody dilution: 1:1000 The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: Glutathione S-Transferase mu 1/GSTM1 Antibody [NBP1-33523] - A. 50 ug rat liver lysate/extract 12% SDS-PAGE GSTM1 antibody dilution: 1:2000 The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Pouso-Vazquez E, Bai X, Batalle G et al. Effects of heme oxygenase 1 in the molecular changes and neuropathy associated with type 2 diabetes in mice Biochemical pharmacology 2022-03-08 [PMID: 35276215] (WB, Mouse)



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### **Products Related to NBP1-33523**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-46827PEP	Glutathione S-Transferase mu 1/GSTM1 Recombinant Protein Antigen

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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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