

Product Datasheet

Glutathione S-Transferase mu 1/GSTM1 Antibody NB300-932

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB300-932**Glutathione S-Transferase mu 1/GSTM1 Antibody**

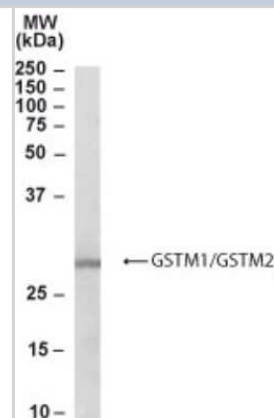
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	2944
Gene Symbol	GSTM1
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported variants of human GSTM1 protein (NP_000552.2; NP_666533.1) and wil also recognise human GSTM2 protein (NP_000839.1).
Immunogen	Peptide with sequence CVFSKMAVWGNK corresponding to C-Terminus according to NP_000552.2, NP_666533.1, NP_000839.1.

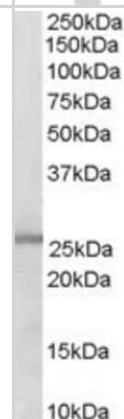
Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:1000
Application Notes	WB: Approx. 26 kDa band observed in human liver and human lung lysates (calculated MW of 25.7 kDa band according to NP_000552.2, and NP_000839.1).

Images

Western Blot: GSTM1 Antibody [NB300-932] - Western blot analysis of GSTM1 / GSTM2 in Human Lung lysate using NB300-932 at 0.3ug/ml.



Western Blot: GSTM1 Antibody [NB300-932] - (0.3ug/ml) staining of Human Lung lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Publications

Lee KA, Kim SH, Woo HY et al. Increased frequencies of glutathione S-transferase (GSTM1 and GSTT1) gene deletions in Korean patients with acquired aplastic anemia. Blood 2001-12-01 [PMID: 11719393]

Pasello M, Manara MC, Michelacci F et al. Targeting glutathione-S transferase enzymes in musculoskeletal sarcomas: a promising therapeutic strategy Anal Cell Pathol (Amst) 2011-01-01 [PMID: 21673434] (WB, Human)

Pasello M, Michelacci F, Scionti I et al. Overcoming Glutathione S-Transferase P1-Related Cisplatin Resistance in Osteosarcoma. Cancer Res;68(16):6661-6668. 2008-01-01 [PMID: 18701490]



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Products Related to NB300-932

NBL1-11372	Glutathione S-Transferase mu 1/GSTM1 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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