

Product Datasheet

Glucosaminyl (N-acetyl) Transferase 1/GCNT1 Antibody - Azide and BSA Free H0002650-B01P

Unit Size: 50 ug

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

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H00002650-B01P

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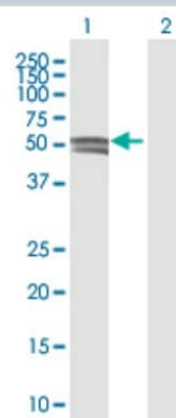
Product Information	
Unit Size	50 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein G purified
Buffer	PBS (pH 7.4)

Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Mouse
Gene ID	2650
Gene Symbol	GCNT1
Species	Human
Immunogen	GCNT1 (NP_001481.2, 1 a.a. - 428 a.a.) full-length human protein. MLRTLRRRLFSYPTKYYFMVLVLSLITFSVLRHQKPEFVSVRHLELAGENPSS DINCTKVLQGDVNEIQVKLEILTVKFKRPRWTPDDYINMTSDCSSFIKRRKYI VEPLSKEEAEFPIAYSIVVHHKIEMLDRLRAIYMPQNFYCIHVDTKSEDSYLAAY MGIASCFSNVFVASRLESVVYASWSRVQADLNCKMKDLYAMSANWKYLINLCG MDFPIKTNLEIVRKLKLLMGENNLETERMPHKEERWKKRYEVVNGKLTNTGT VKMLPPLETPLFSGSAYFVVSREYVGYVLQNEKIQKLMWAQDTYSPDEYLWA TIQRIPEVPGSLPASHKYDLSDMQAVARFVKWQYFEGDVSKGAPYPPCDGVH VRSVCIFGAGDLNWMLRKHHLFANKFDVDVDFLAIQCLDEHLRHKALETCLKH
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence
Application Notes	This antibody is useful for WB. ICC/IF usage was reported in scientific literature.

Images

Western Blot: Glucosaminyl (N-acetyl) Transferase 1/GCNT1 Antibody [H00002650-B01P] - Analysis of GCNT1 expression in transfected 293T cell line by GCNT1 polyclonal antibody. Lane1:GCNT1 transfected lysate (47.08 KDa). Lane2:Non-transfected lysate.



Publications

Petrosyan A, Cheng PW. Golgi fragmentation induced by heat shock or inhibition of heat shock proteins is mediated by non-muscle myosin IIA via its interaction with glycosyltransferases. *Cell Stress Chaperones*. 2013-08-30 [PMID: 23990450]

Petrosyan Armen, Holzapfel Melissa S, Muirhead David E, Cheng Pi-Wan. Restoration of compact Golgi morphology in advanced prostate cancer enhances susceptibility to galectin-1-induced apoptosis by modifying mucin O-glycan synthesis. *Mol Cancer Res*. 2014-08-01 [PMID: 25086069]

Ali MF, Chachadi VB, Petrosyan A, Cheng PW. Golgi phosphoprotein 3 determines cell binding properties under dynamic flow by controlling Golgi localization of Core 2 N-acetylglucosaminyltransferase 1 *J Biol Chem* 2012-10-01 [PMID: 23027862] (WB, ICC/IF, Human)





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Products Related to H00002650-B01P

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97019-5mg	Mouse IgG Isotype Control
NBP1-86809PEP	Glucosaminyl (N-acetyl) Transferase 1/GCNT1 Recombinant Protein Antigen

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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