

Product Datasheet

UGCG Antibody (1E5) - Azide and BSA Free H00007357-M03

Unit Size: 0.1 mg

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

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H00007357-M03

UGCG Antibody (1E5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
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	Monoclonal
Clone	1E5
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4

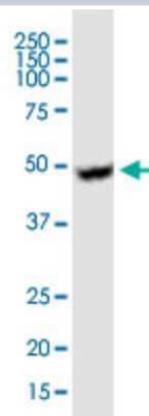
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7357
Gene Symbol	UGCG
Species	Human
Specificity/Sensitivity	Reacts with UDP-glucose ceramide glucosyltransferase.
Immunogen	UGCG (NP_003349, 33 a.a. ~ 131 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. TRLHLNKKATDKQPYSKLPVSVLLKPLKGVDPNLINLETFFELDYPKYEVLCCV QDHDDPAIDVCKKLLGKYPNVDARLFIGGKKVGINPKINNLMGP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA

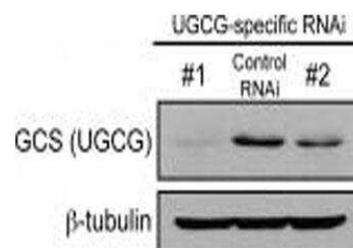


Images

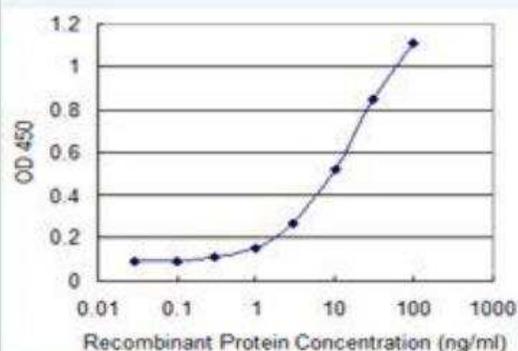
Western Blot: UGCG Antibody (1E5) [H00007357-M03] - Analysis of UGCG expression in HL-60.



Western Blot: UGCG Antibody (1E5) [H00007357-M03] - Detection of UGCG in HT29 human colon carcinoma cells. Image provided courtesy of Dr. James Madigan.



ELISA: UGCG Antibody (1E5.) [H00007357-M03] - UGCG Antibody (1E5) [H00007357-M03] - Detection limit for recombinant GST tagged UGCG is 0.3 ng/ml as a capture antibody.



Publications

Drews K, Calgi M, Harrison W et al. Glucosylceramide synthase maintains influenza virus entry and infection. PLoS One. 2020-02-07 [PMID: 32032363]

Drake M. J, Brennan B, et al. A role for glycolipid biosynthesis in severe fever with thrombocytopenia syndrome virus entry. PLoS Pathog 2017-04-01 [PMID: 28388693]

Haynes TA, Filippov V, Filippova M et al. DNA damage induces down-regulation of UDP-glucose ceramide glucosyltransferase, increases ceramide levels and triggers apoptosis in p53-deficient cancer cells. Biochim Biophys Acta. 2012-02-11 [PMID: 22349266]

Shibina A, Seidel D, Somanchi SS et al. Fenretinide sensitizes multidrug-resistant human neuroblastoma cells to antibody-independent and ch14.18-mediated NK cell cytotoxicity. J Mol Med (Berl). 2012-09-30 [PMID: 23052481]



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Products Related to H00007357-M03

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00007357-Q01-10ug	Recombinant Human UGCG GST (N-Term) Protein

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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