Datasheet for ABIN672096

anti-UGCG antibody (AA 21-120)

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Overview

Quantity:	100 µL
Target:	UGCG
Binding Specificity:	AA 21-120
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGCG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GCS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Predicted Reactivity:	Cow
Purification:	Purified by Protein A.

Target Details

Target:	UGCG

Target Details

Alternative Name:	Ceramide glucosyltransferase (UGCG Products)
Background:	Synonyms: GCS, GLCT1, Ceramide glucosyltransferase, GLCT-1, Glucosylceramide synthase, UDP-glucose ceramide glucosyltransferase, UDP-glucose:N-acylsphingosine D-glucosyltransferase, UGCG Background: Catalyzes the first glycosylation step in glycosphingolipid biosynthesis, the transfer of glucose to ceramide. May also serve as a "flippase".
Gene ID:	7357
UniProt:	Q16739

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

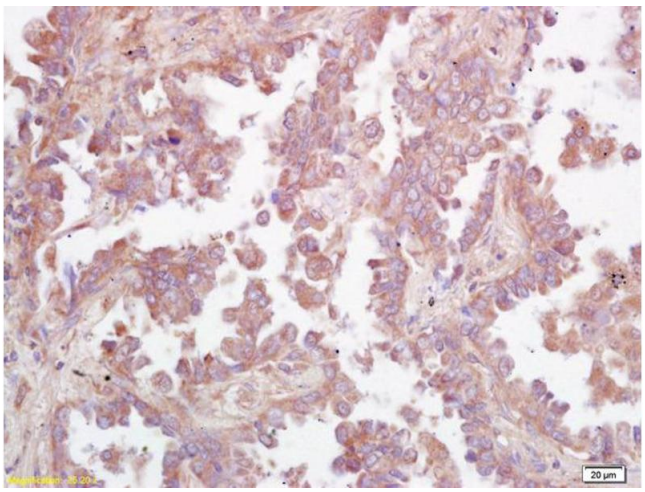
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

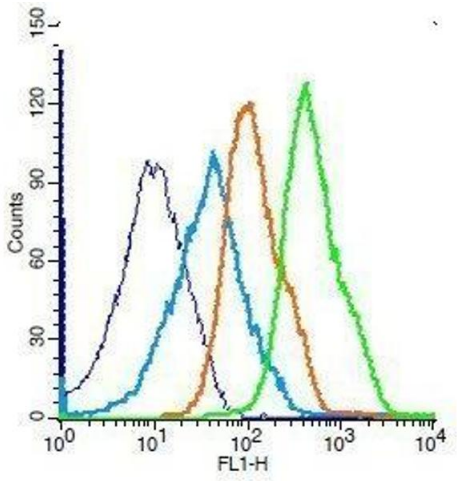
Product cited in: Chen, Yin, Cheng, Ding, Gao, Sun, Zhao, Wang, Bao, Xia, Gao, Wang: "Effect of D, L-threo-1-phenyl-2-decanoylamino-3-morpholino-1-propanol and tetrandrine on the reversion of multidrug resistance in K562/A02 cells." in: **Hematology (Amsterdam, Netherlands)**, Vol. 16, Issue 1, pp. 24-30, (2011) (PubMed).

Images



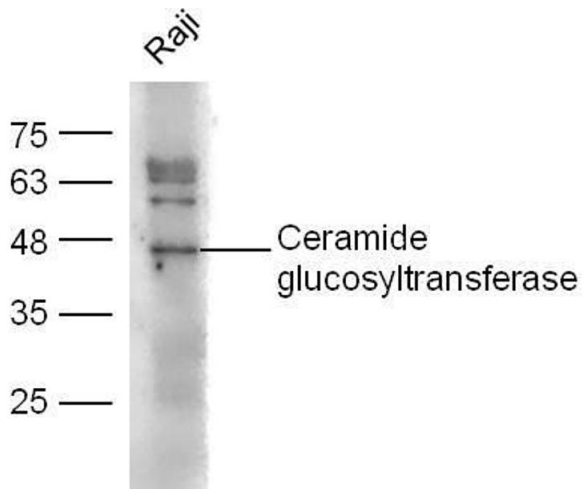
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Rabbit Anti GCS/glucosylceramide synthase Polyclonal Antibody, Unconjugated (ABIN672096) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Flow Cytometry

Image 2. Mouse splenocytes probed with Rabbit Anti-Ceramide glucosyltransferase Polyclonal Antibody, Unconjugated .



Western Blotting

Image 3. Raji lysates probed with Ceramide glucosyltransferase Polyclonal Antibody, unconjugated at 1:300 overnight at 4°C followed by a conjugated secondary antibody at 1:10000 for 60 minutes at 37°C.

