

Datasheet for ABIN7443101
anti-UGCG antibody (AA 39-171)

6 Images

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Overview

Quantity:	100 µL
Target:	UGCG
Binding Specificity:	AA 39-171
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UGCG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to UDP Glucose Ceramide Glucosyltransferase (UGCG)
Immunogen:	Recombinant UDP Glucose Ceramide Glucosyltransferase (UGCG) corresponding to Lys39~Leu171 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against UGCG. It has been selected for its ability to recognize UGCG in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

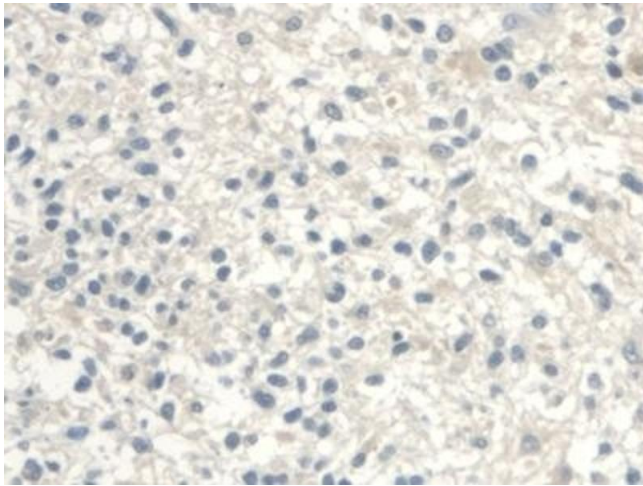
Target:	UGCG
Alternative Name:	UDP Glucose Ceramide Glucosyltransferase (UGCG Products)
Background:	GCS, GLCT-1, Glucosylceramide Synthase, N-acylsphingosine D-glucosyltransferase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

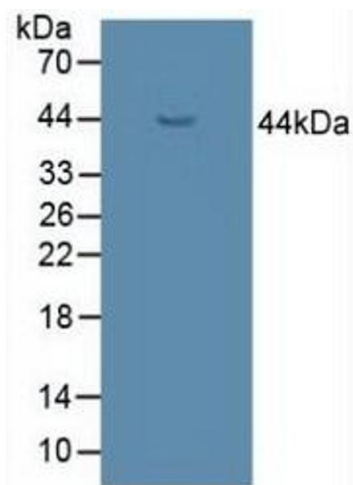
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



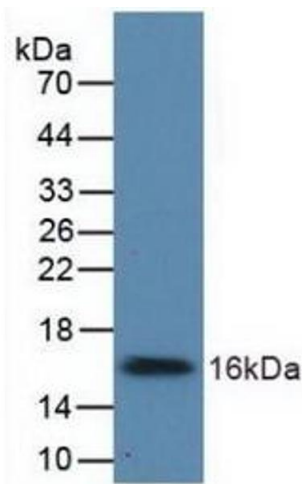
Immunohistochemistry

Image 1. Detection of UGCG in Human Glioma Tissue using Polyclonal Antibody to UDP Glucose Ceramide Glucosyltransferase (UGCG)



Western Blotting

Image 2. Detection of UGCG in Mouse Skin Tissue using Polyclonal Antibody to UDP Glucose Ceramide Glucosyltransferase (UGCG)



Western Blotting

Image 3. Detection of Recombinant UGCG, Human using Polyclonal Antibody to UDP Glucose Ceramide Glucosyltransferase (UGCG)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7443101.