

UGCG antibody

Catalog No: #38820

Package Size: #38820-1 50ul #38820-2 100ul

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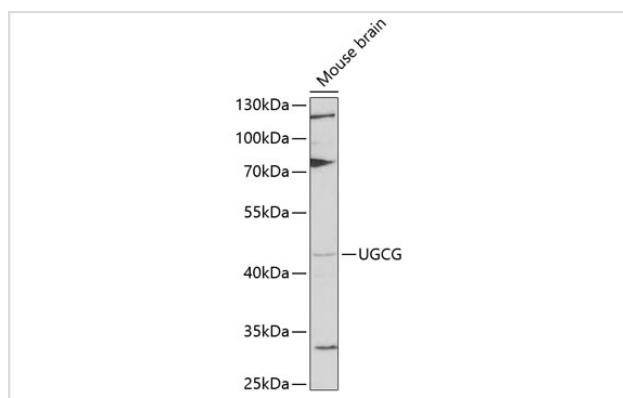
Description

Product Name	UGCG antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total UGCG protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human UGCG.
Target Name	UGCG
Other Names	GCS; GLCT1;
Accession No.	Swiss-Prot#: Q16739NCBI Gene ID: 7357
Uniprot	Q16739
GeneID	7357;
SDS-PAGE MW	44kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

Images



Western blot analysis of extracts of mouse brain, using UGCG at 1:1000 dilution.

Background

Glycosphingolipids (GSLs) are a group of membrane components that contain lipid and sugar moieties. They are present in essentially all animal cells and are believed to have important roles in various cellular processes. UDP-glucose ceramide glucosyltransferase catalyzes the first glycosylation step in glycosphingolipid biosynthesis. The product, glucosylceramide, is the core structure of more than 300 GSLs. UGCG is widely expressed and transcription is upregulated during keratinocyte differentiation.

Note: This product is for in vitro research use only