

UGCG

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 44kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human UGCG

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

GCS; GLCT1;

Catalog #: A6317

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 7357

Isotype: IgG

Swiss Prot: Q16739

Purity: Affinity purification

For research use only.

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.

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