

Rabbit anti-Human UGCG Polyclonal Antibody | anti-UGCG antibody

UGCG Antibody

CATALOG # AAA306951	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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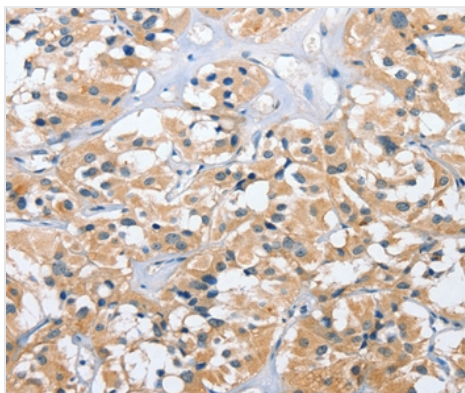
PRODUCT SYNONYMS

UGCG; Polyclonal Antibody; UGCG Antibody; GCS; GLCT1; anti-UGCG antibody

PRODUCT SPECIFICATIONS

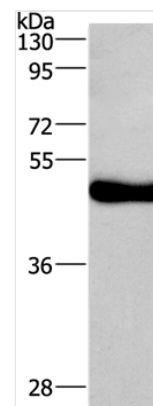
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total UGCG protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	1.9 mg/ml (varies by lot)
Sequence Length	394
Applicable Applications for anti-UGCG antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human UDP-glucose ceramide glucosyltransferase
Target Name	UGCG
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using AAA306951 at dilution 1/40.



Application Data

Gel: 10%SDS-PAGE Lysate: 40ug A431 cell Primary antibody: 1/800 dilution Secondary antibody dilution: 1/8000 Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-UGCG antibody	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.
Product Categories/Family for anti-UGCG antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507811
NCBI GeneID	7357
NCBI Accession #	BC038711
NCBI GenBank Nucleotide #	NM_003358.2
UniProt Accession #	Q16739; Q5T258
Molecular Weight	SDS-PAGE MW: 45kd
NCBI Official Full Name	ceramide glucosyltransferase
NCBI Official Synonym Full Names	UDP-glucose ceramide glucosyltransferase
NCBI Official Symbol	UGCG
NCBI Official Synonym Symbols	GCS; GLCT1
NCBI Protein Information	ceramide glucosyltransferase
UniProt Protein Name	Ceramide glucosyltransferase
UniProt Gene Name	UGCG
UniProt Synonym Gene Names	GCS
UniProt Entry Name	CEGT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ugcg-antibody-immunohistochemistry-western-blot-elisa/306951>