

DNAxPAb

Hard-to-Find
Antibody

UGCG DNAxPab

Catalog # H00007357-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human UGCG DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MALLDLALEGMAVFGFVLFLVLWLMHFMAIYTRLHLNKKATDKQPYSKLPGVSLKPLKGVDPNLI NNLETFEELDYPKYEVLVCVQDHDDPAIDVCKLLGKYPNV DARLFIGGKKVGINPKINNLMPGYEV AKYDLIWICDSGIRVIPDTLTDMVNMTEKVGLVHGLPYVADRQGAATLEQVYFGTSHPRYYISAN VTGFKCVTGMSCLMRKDVLDQAGGLIAFAQYAEDYFMAKAIADRGWRFAMSTQVAMQNSGSYSI SQFQSRMIRWTKLRINMLPATICEPISECFVASLIIGWAAHHVFRWDIMVFFMCHCLAWFIFDYQLR GVQGGTLCFSKLDYAVAWFIRESMTIYFLSALWDPTISWRTGRYRLRCGGTAEEILDV
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — UGCG

Entrez GeneID	7357
GeneBank Accession#	NM_003358.1
Protein Accession#	NP_003349.1
Gene Name	UGCG
Gene Alias	GCS
Gene Description	UDP-glucose ceramide glucosyltransferase
Omim ID	602874
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000021925 ceramide glucosyltransferase glucosylceramide synthase

Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

Disease

- [Gaucher disease](#)