



Anti-UGGT2 (full length) polyclonal antibody (DPAB-DC2434)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description UDP-glucose:glycoprotein glucosyltransferase (UGT) is a soluble protein of the endoplasmic reticulum (ER) that selectively reglucosylates unfolded glycoproteins, thus providing quality control for protein transport out of the ER.[supplied by OMIM, Oct 2009]

Immunogen UGCGL2 (AAH32302, 1 a.a. ~ 278 a.a) full-length recombinant protein with GST tag. The sequence is
MAPAKATNVVRLLLGSTALWLSQLGSGTVAASKSVTAHLAAKWPETPLLEASEFMAEES
NEKFWQFLETQELAIYKQTESDYSYNNLILKKAGQFLDNLHINLLKFAFSIRAYSPAIQ
MFQQIAADEPPPDGCNAFVVIHKKHTCKINEIKLLKKAASRTRPYLFKGDHKFPTNKEN
LPVVILYAEMGTRTFSAFHVLSEKAQNEEILYVLRHYIQKPSSRKMVLSGYGVELAIS
TEYKALDDTQVKTVTNTTVEDETETNEVQGFLFGKLKS

Source/Host Mouse

Species Reactivity Human

Conjugate Unconjugated

Applications WB (Recombinant protein), ELISA,

Size 50 µl

Buffer 50 % glycerol

Preservative None

Storage Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	UGGT2 UDP-glucose glycoprotein glucosyltransferase 2 [Homo sapiens (human)]
Official Symbol	UGGT2
Synonyms	UGGT2; UDP-glucose glycoprotein glucosyltransferase 2; UGT2; HUGT2; UGCGL2; UDP-glucose:glycoprotein glucosyltransferase 2; UDP-Glc:glycoprotein glucosyltransferase 2; UDP--Glc:glycoprotein glucosyltransferase 2; UDP-glucose ceramide glucosyltransferase-like 1; UDP-glucose ceramide glucosyltransferase-like 2;
Entrez Gene ID	55757
Protein Refseq	NP_064506
UniProt ID	Q05D90
Chromosome Location	13q32.1
Pathway	Asparagine N-linked glycosylation; ER Quality Control Compartment (ERQC); N-glycan trimming in the ER and Calnexin/Calreticulin cycle; Protein processing in endoplasmic reticulum
Function	UDP-glucose:glycoprotein glucosyltransferase activity;