

UGCGL1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13145b**Specification**

UGCGL1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NYU2](#)**UGCGL1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 56886**Other Names**

UDP-glucose:glycoprotein glucosyltransferase 1, UGT1, hUGT1, 241-, UDP--Glc:glycoprotein glucosyltransferase, UDP-glucose ceramide glucosyltransferase-like 1, UGGT1

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13145b was selected from the C-term region of UGCGL1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

UGCGL1 Antibody (C-term) Blocking Peptide - Protein Information**Name** UGGT1**Function**

Recognizes glycoproteins with minor folding defects. Reglucosylates single N-glycans near the misfolded part of the protein, thus providing quality control for protein folding in the endoplasmic reticulum. Reglucosylated proteins are recognized by calreticulin for recycling to the endoplasmic reticulum and refolding or degradation.

Cellular Location

Endoplasmic reticulum lumen {ECO:0000255|PROSITE- ProRule:PRU10138, ECO:0000269|PubMed:10694380}. Endoplasmic reticulum- Golgi intermediate compartment {ECO:0000255|PROSITE-ProRule:PRU10138, ECO:0000269|PubMed:10694380}

Tissue Location

Higher levels in pancreas, skeletal muscle, kidney, and brain. Low levels in lung and heart.

UGCGL1 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

UGCGL1 Antibody (C-term) Blocking Peptide - Images**UGCGL1 Antibody (C-term) Blocking Peptide - Background**

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