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UGCGL1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13145B

Specification

UGCGL1 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	Q9NYU2
Other Accession	NP_064505.1
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**177190**
Antigen Region	**1226-1254**

UGCGL1 Antibody (C-term) - 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
This UGCGL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1226-1254 amino acids from the C-terminal region of human UGCGL1.

Dilution
WB~~1:1000
IHC-P~~1:10~50

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
UGCGL1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

UGCGL1 Antibody (C-term) - 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}

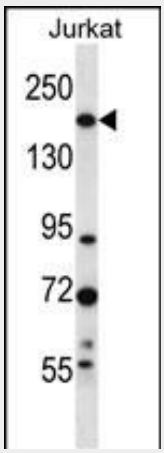
Tissue Location
Higher levels in pancreas, skeletal muscle, kidney, and brain. Low levels in lung and heart.

UGCGL1 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UGCGL1 Antibody (C-term) - Images



UGCGL1 Antibody (C-term) (Cat. #AP13145b) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the UGCGL1 antibody detected the UGCGL1 protein (arrow).

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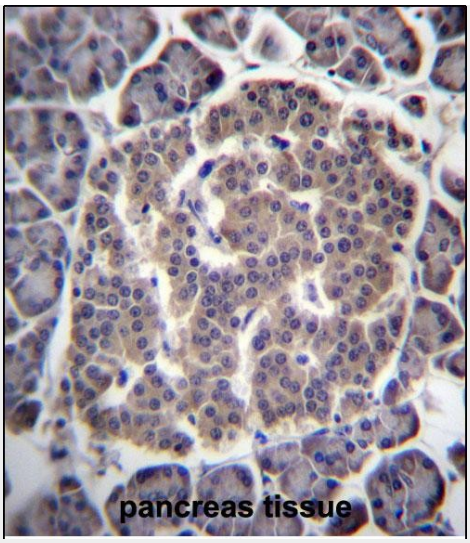

UGCGL1 Antibody (C-term) (Cat. #AP13145b)immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of UGCGL1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

UGCGL1 Antibody (C-term) - Background

UGCGL1 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.