

DATASHEET

UGGT1 Rabbit Polyclonal Antibody

CAT. NO. APA14417

KEY FEATURES

Target	UGGT1	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

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.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

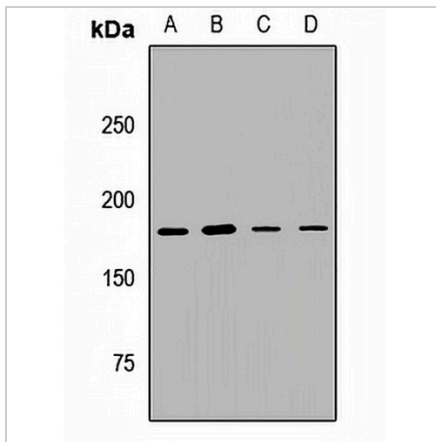
Description	Rabbit polyclonal antibody to UGGT1
Specificity	Recognizes endogenous levels of UGGT1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human UGGT1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 174; Observed: 177 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GT; UGCGL1; UGGT; UGT1; UGTR; UDP-glucose:glycoprotein glucosyltransferase 1; UGT1; hUGT1; UDP--Glc:glycoprotein glucosyltransferase; UDP-glucose ceramide glucosyltransferase-like 1
Gene Symbol	UGGT1
Entrez Gene	56886(Human); 320011(Mouse); 171129(Rat)
SwissProt	Q9NYU2(Human); Q6P5E4(Mouse); Q9JLA3(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of UGGT1 expression in SHSY5Y (A), HepG2 (B), mouse liver (C), rat brain (D) whole cell lysates. (Predicted band size: 174; 177 kD; Observed band size: 177 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.