

ARG58856 anti-UGGT1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes UGGT1
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	UGGT1
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 1456-1555 of Human UGGT1 (NP_064505.1).
Conjugation	Un-conjugated
Alternate Names	UGT1; EC 2.4.1.-; UDP--Glc:glycoprotein glucosyltransferase; HUGT1; UGCL1; hUGT1; UDP-glucose ceramide glucosyltransferase-like 1; UDP-glucose:glycoprotein glucosyltransferase 1

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SH-SY5Y	
Observed Size	177 kDa	

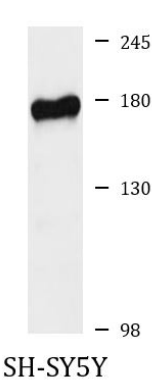
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	UGGT1
Gene Full Name	UDP-glucose glycoprotein glucosyltransferase 1
Background	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]
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. [UniProt]
Calculated Mw	177 kDa
Cellular Localization	Endoplasmic reticulum lumen, Endoplasmic reticulum-Golgi intermediate compartment. [UniProt]

Images



ARG58856 anti-UGGT1 antibody WB image

Western blot: 25 µg of SH-SY5Y cell lysate stained with ARG58856 anti-UGGT1 antibody at 1:1000 dilution.