

## ARG40094 anti-POMGnT2 / GTDC2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes POMGnT2 / GTDC2
Tested Reactivity	Hu, Ms, Rat
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	POMGnT2 / GTDC2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 160-340 of Human POMGnT2 / GTDC2 (NP_116195.2).
Conjugation	Un-conjugated
Alternate Names	Extracellular O-linked N-acetylglucosamine transferase-like; EC 2.4.1.-; Glycosyltransferase-like domain-containing protein 2; AGO61; POMGnT2; MDDGA8; GTDC2; C3orf39; Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2

### 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	Mouse pancreas and A549	
Observed Size	75 kDa	

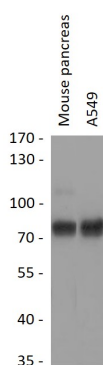
### Properties

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	POMGNT2
Gene Full Name	protein O-linked mannose N-acetylglucosaminyltransferase 2 (beta 1,4-)
Background	This gene encodes a protein with glycosyltransferase activity although its function is not currently known. [provided by RefSeq, Sep 2012]
Function	O-linked mannose beta-1,4-N-acetylglucosaminyltransferase that tranfers UDP-N-acetyl-D-glucosamine to the 4-position of the mannose to generate N-acetyl-D-glucosamine-beta-1,4-O-D-mannosylprotein. Involved in the biosynthesis of the phosphorylated O-mannosyl trisaccharide (N-acetylgalactosamine-beta-3-N-acetylglucosamine-beta-4-(phosphate-6-)mannose), a carbohydrate structure present in alpha-dystroglycan (DAG1), which is required for binding laminin G-like domain-containing extracellular proteins with high affinity. [UniProt]
Calculated Mw	67 kDa
Cellular Localization	Endoplasmic reticulum membrane; Single-pass type II membrane protein. [UniProt]

## Images



ARG40094 anti-POMGnT2 / GTDC2 antibody WB image

Western blot: 25 µg of Mouse pancreas and A549 cell lysates stained with ARG40094 anti-POMGnT2 / GTDC2 antibody at 1:3000 dilution.