

DATASHEET

POMGNT2 Rabbit Polyclonal Antibody

CAT. NO. APA16547

KEY FEATURES

Target	POMGNT2	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

O-linked mannose beta-1,4-N-acetylglucosaminyltransferase that transfers 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.

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

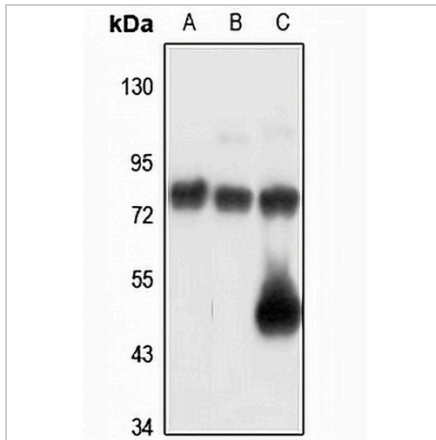
Description	Rabbit polyclonal antibody to POMGNT2
Specificity	Recognizes endogenous levels of POMGNT2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human POMGNT2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 66 kD; Observed: 75 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	AGO61; C3orf39; EOGTL; GTDC2; Protein O-linked-mannose beta-1 4-N-acetylglucosaminyltransferase 2; POMGnT2; Extracellular O-linked N-acetylglucosamine transferase-like; Glycosyltransferase-like domain-containing protein 2
Gene Symbol	POMGNT2
Entrez Gene	84892(Human); 215494(Mouse); 316091(Rat)
SwissProt	Q8NAT1(Human); Q8BW41(Mouse); Q5NDF0(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 POMGNT2 expression in A549 (A), mouse pancreas (B), rat brain (C) whole cell lysates. (Predicted band size: 66 kD; Observed band size: 75 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.