

**DATASHEET**

**POMGNT1 Rabbit Polyclonal Antibody**

CAT. NO. APA14930

**KEY FEATURES**

Target	POMGNT1	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**

Participates in O-mannosyl glycosylation by catalyzing the addition of N-acetylglucosamine to O-linked mannose on glycoproteins . Catalyzes the synthesis of the GlcNAc(beta1-2)Man(alpha1-)O-Ser/Thr moiety on alpha-dystroglycan and other O-mannosylated proteins, providing the necessary basis for the addition of further carbohydrate moieties . Is specific for alpha linked terminal mannose and does not have MGAT3, MGAT4, MGAT5, MGAT7 or MGAT8 activity.

**APPLICATION**

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

WB	1:500 - 1:1000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

**PRODUCT OVERVIEW**

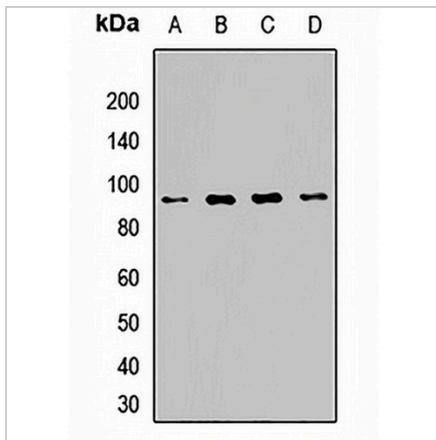
Description	Rabbit polyclonal antibody to POMGNT1
Specificity	Recognizes endogenous levels of POMGNT1 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human POMGNT1
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 75; Observed: 90 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	MGAT1.2; Protein O-linked-mannose beta-1,2-N-acetylglucosaminyltransferase 1; POMGnT1; UDP-GlcNAc:alpha-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I.2; GnT I.2
Gene Symbol	POMGNT1
Entrez Gene	55624(Human); 68273(Mouse); 362567(Rat)
SwissProt	Q8WZA1(Human); Q91X88(Mouse); Q5XIN7(Rat)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto: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 POMGNT1 expression in SHSY5Y (A), mouse heart (B), mouse brain (C), rat testis (D) whole cell lysates. (Predicted band size: 75; 84 kD; Observed band size: 90 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.