

DATASHEET

GnT-IVa Rabbit Polyclonal Antibody

CAT. NO. APA16141

KEY FEATURES

Target	GnT-IVa	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

Glycosyltransferase that catalyze the transfer of GlcNAc from UDP-GlcNAc to the GlcNAc β 1-2Man α 1-3 arm of the core structure of N-linked glycans through a β 1-4 linkage and participates in the production of tri- and tetra-antennary N-linked sugar chains . Involved in glucose transport by mediating SLC2A2/GLUT2 glycosylation, thereby controlling cell-surface expression of SLC2A2 in pancreatic beta cells .

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

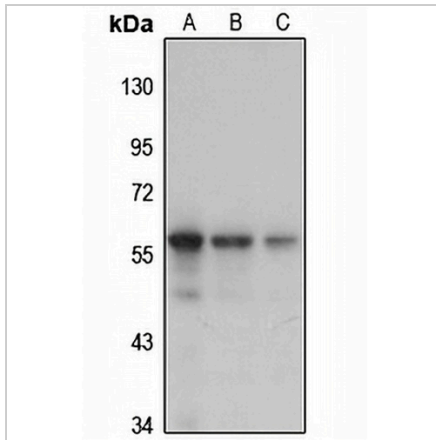
Description	Rabbit polyclonal antibody to GnT-IVa
Specificity	Recognizes endogenous levels of GnT-IVa protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GnT-IVa. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 48; Observed: 61 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	Alpha-1 3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase IVa; GlcNAc-T IVa; GnT-IVa; N-acetylglucosaminyltransferase IVa; UDP-N-acetylglucosamine: alpha-1 3-D-mannoside beta-1 4-N-acetylglucosaminyltransferase IVa
Gene Symbol	MGAT4A
Entrez Gene	11320(Human); 269181(Mouse); 367252(Rat)
SwissProt	Q9UM21(Human); Q812G0(Mouse); Q5M854(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 GnT-IVa expression in K562 (A), Raji (B), LO2 (C) whole cell lysates.
(Predicted band size: 48; 61 kD; Observed band size: 61 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.