

DATASHEET

GnT-IVc Rabbit Polyclonal Antibody

CAT. NO. APA16143

KEY FEATURES

Target	GnT-IVc	Source / Host	Rabbit
Reactivity	Human, Mouse	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 participates in the transfer of N-acetylglucosamine (GlcNAc) to the core mannose residues of N-linked glycans. Catalyzes the formation of the GlcNAc β 1-4 branch on the GlcNAc β 1-2Man α 1-3 arm of the core structure of N-linked glycans. Essential for the production of tri- and tetra-antennary N-linked sugar chains. Does not catalyze the transfer of GlcNAc to the Man α 1-6 arm to form GlcNAc β 1-4Man α 1-6 linkage ('GnT-VI' activity).

APPLICATION

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

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

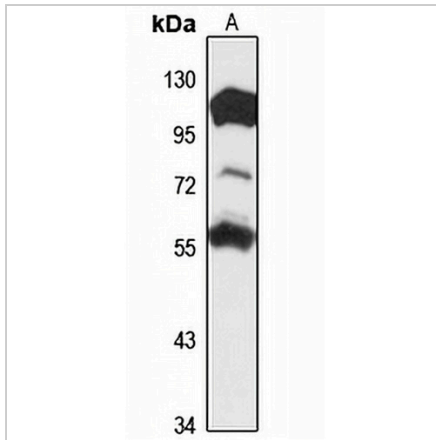
Description	Rabbit polyclonal antibody to GnT-IVc
Specificity	Recognizes endogenous levels of GnT-IVc protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human GnT-IVc. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 56; Observed: 56 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 C; N-acetylglucosaminyltransferase IV homolog; hGnT-IV-H; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase IVc; GlcNAc-T IVc; GnT-IVc; N-acetylglucosaminyltransferase IVc; UDP-N-acetylglucosamine: alpha-1 3-D-mannoside beta-1 4-N-acetylglucosaminyltransferase IVc
Gene Symbol	MGAT4C
Entrez Gene	25834(Human); 67569(Mouse)
SwissProt	Q9UBM8(Human); Q9D306(Mouse)

*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-IVc expression in U87MG (A) whole cell lysates. (Predicted band size: 56; 59 kD; Observed band size: 56 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.