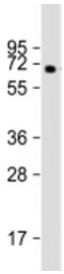
MGAT4B Antibody (F53921)

Catalog No.	Formulation	Size
F53921-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F53921-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9UQ53
Applications	Western blot: 1:1000-2000
Limitations	This MGAT4B antibody is available for research use only.



Western blot testing of human pancreas lysate with MGAT4B antibody at 1:2000. Predicted molecular weight ~63 kDa but may be observed at higher molecular weights due to glycosylation.

Description

Glycosyltransferase that participates in the transfer of N-acetylglucosamine (GlcNAc) to the core mannose residues of N-linked glycans. Catalyzes the formation of the GlcNAcbeta1-4 branch on the GlcNAcbeta1-2Manalpha1-3 arm of the core structure of N-linked glycans. Essential for the production of tri- and tetra-antennary N-linked sugar chains. Has lower affinities for donors or acceptors than MGAT4A, suggesting that, under physiological conditions, it is not the main contributor in N- glycan biosynthesis.

Application Notes

Titration of the MGAT4B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 32-62 from the human protein was used as the immunogen for the MGAT4B antibody.

Storage

Aliquot the MGAT4B antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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