abcam

Product datasheet

Anti-MGAT4B antibody ab168485

1 Image

Overview

Product name	Anti-MGAT4B antibody
Description	Rabbit polyclonal to MGAT4B
Host species	Rabbit
Tested applications	**Suitable for:** IP
Species reactivity	**Reacts with:** Recombinant fragment **Predicted to work with:** Mouse
Immunogen	Recombinant full length protein, corresponding to amino acids 1-563 of Human MGAT4B, Isoform 3 (Gene ID: 11282, UniProt ID: Q9UQ53-3). Run BLAST with ExPASy Run BLAST with NCBI
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab168485 in the following tested applications.

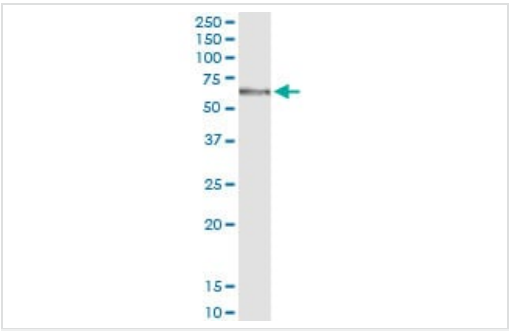
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration. The recommended starting value of ab168485 is 30-40 µl, plus 10 µl Protein a magnetic beads, for a total reaction volume of 500 µl.

Target

Function	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.
Tissue specificity	Widely expressed. Strongly overexpressed in pancreatic cancer.
Pathway	Protein modification; protein glycosylation.
Sequence similarities	Belongs to the glycosyltransferase 54 family.
Cellular localization	Golgi apparatus membrane.

Images



Immunoprecipitation - Anti-MGAT4B antibody (ab168485)

Immunoprecipitation of MGAT4B transfected lysate using ab168485 and Protein A Magnetic Beads, and immunoblotted with an anti-MGAT4B purified mouse polyclonal antibody.

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- Response to your inquiry within 24 hours
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