DNAxPAb | Hard-to-Find Antibody

MGAT2 DNAxPab

Catalog # H00004247-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MGAT2 DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MRFRIYKRKVLILTLVVAACGFVLWSSNGRQRKNEALAPPLLDAEPARGAGGRGGDHPSVAVGIR RVSNVSAASLVPAVPQPEADNLTLRYRSLVYQLNFDQTLRNVDKAGTWAPRELVLVVQVHNRPE YLRLLLDSLRKAQGIDNVLVIFSHDFWSTEINQLIAGVNFCPVLQVFFPFSIQLYPNEFPGSDPRDC PRDLPKNAALKLGCINAEYPDSFGHYREAKFSQTKHHWWWKLHFVWERVKILRDYAGLILFLEED HYLAPDFYHVFKKMWKLKQQECPECDVLSLGTYSASRSFYGMADKVDVKTWKSTEHNMGLALT RNAYQKLIECTDTFCTYDDYNWDWTLQYLTVSCLPKFWKVLVPQIPRIFHAGDCGMHHKKTCRPS TQSAQIESLLNNNKQYMFPETLTISEKFTVVAISPPRKNGGWGDIRDHELCKSYRRLQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — MGAT2

Entrez GeneID	4247
GeneBank Accession#	BC006390
Protein Accession#	AAH06390
Gene Name	MGAT2
Gene Alias	CDGS2, GLCNACTII, GNT-II, GNT2
Gene Description	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase
Omim ID	212066 602616
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a Golgi enzyme catalyzing an essential step in the conversion of oligo mannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-ter minal catalytic domain. Mutations in this gene may lead to carbohydrate-deficient glycoprotein syn drome, type II. The coding region of this gene is intronless. Transcript variants with a spliced 5' UT R may exist, but their biological validity has not been determined. [provided by RefSeq
Other Designations	Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase|Beta-1,2-N-acetylgluco saminyltransferase II|N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II|U DP-N-acetylglucosamine:alpha-6-D-mannoside beta-1,2-N-acetylgluc

Pathway

- Metabolic pathways
- N-Glycan biosynthesis