

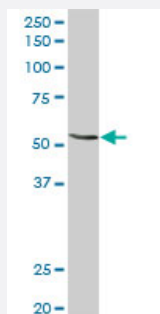
MaxPab®

MGAT3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004248-D01P

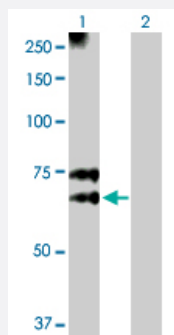
Size 100 ug

Applications



Western Blot (Tissue lysate)

MGAT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MGAT3 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of MGAT3 expression in transfected 293T cell line ([H00004248-T01](#)) by MGAT3 MaxPab polyclonal antibody.

Lane 1: MGAT3 transfected lysate(61.30 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MGAT3 protein.

Immunogen

MGAT3 (AAH75025.1, 1 a.a. ~ 533 a.a) full-length human protein.

Sequence	MKMRRYKFLFMFCMAGLCLISFLHFFKTLSTVTFPRELASLSPNLVSSFFWNNAPVTPQASPEPG GPDLLRTPLYSHSPLLQPLPPSKAAEELHRVDLVLPEdTTEYFVRTKAGGVCFKPGTKMLERPPP GRPEEKPEGANGSSARRPPRYLLSARERTGGRGARRKWVECVCPLPGWHGPSCGVPTVVQYSN LPTKERLVPREVP RRVINAINVNEFDLLDVRFHGLGDVVD AFVVCESNFTAYGEPRPLKFREMLT NGTFEYIRHKVLYFLDHFP GGRQD GWIADDYLRFTLTQDGVSRRLNLRPDDVFIIIDDADEIPARD GVLFLKLYDGWTEPFAFHMRKSLYGFFWKQPGTLEVVSGCTVDMLQAVYGLDGIRLRRRQYYTM PNFRQYENRTGHILVQWSLGSPLHFAGWHCSWCFTPEGIYFKLVSAQNGDFPRWGDYEDKRDL NYIRGLIRTGGWFDGTQQEYPPADPSEHMYAPKYLKKNYDRFHLLDNPYQEPRSTAAGGWRHRG PEGRPPARGKLDEAEV
Host	Rabbit
Reactivity	Human
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 (Tissue lysate)

MGAT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of MGAT3 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MGAT3 expression in transfected 293T cell line ([H00004248-T01](#)) by MGAT3 MaxPab polyclonal antibody.

Lane 1: MGAT3 transfected lysate(61.30 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — MGAT3

Entrez GeneID	4248
GeneBank Accession#	BC075025.2
Protein Accession#	AAH75025.1
Gene Name	MGAT3

Gene Alias	FLJ43371, GNT-III, GNT3, MGC141943, MGC142278
Gene Description	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
Omim ID	604621
Gene Ontology	Hyperlink
Gene Summary	There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. The enzyme encoded by this gene transfers a GlcNAc residue to the beta-linked mannose of the trimannosyl core of N-linked oligosaccharides and produces a bisecting GlcNAc. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	GlcNAc-T III N-acetylglucosaminyltransferase III N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase III OTTHUMP00000028574 OTTHUMP00000042207 beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)