

Datasheet for ABIN389044

anti-MGAT3 antibody (N-Term)**3** Images[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | MGAT3 |
| Binding Specificity: | AA 72-102, N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MGAT3 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| | |
|---------------|---|
| Immunogen: | This MGAT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-102 amino acids from the N-terminal region of human MGAT3. |
| Clone: | RB4847-4848 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

Target Details

| | |
|-------------------|--|
| Target: | MGAT3 |
| Alternative Name: | MGAT3 (MGAT3 Products) |

Target Details

Background: There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. MGAT3 (N-acetylglucosaminyltransferase III) transfers a GlcNAc residue to the beta-linked mannose of the trimannosyl core of N-linked oligosaccharides and produces a bisecting GlcNAc. Expression of this gene may be controlled by a multiple-promoter system.

Molecular Weight: 61313

Gene ID: 4248

NCBI Accession: [NP_001091740](#), [NP_002400](#)

UniProt: [Q09327](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

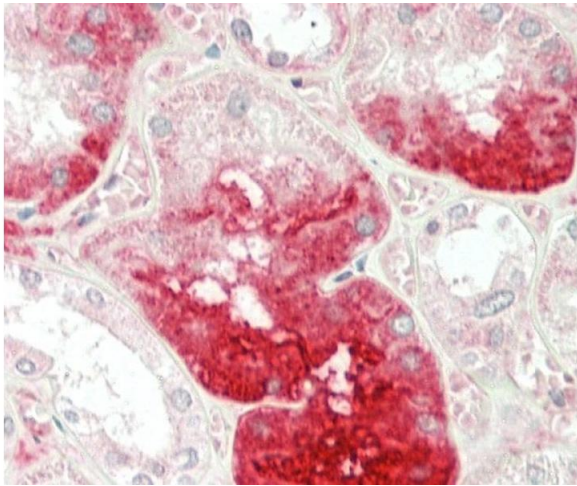
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

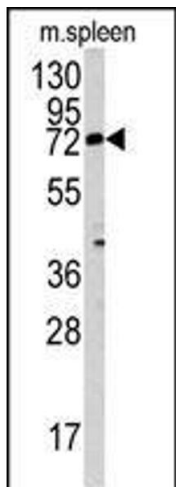
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



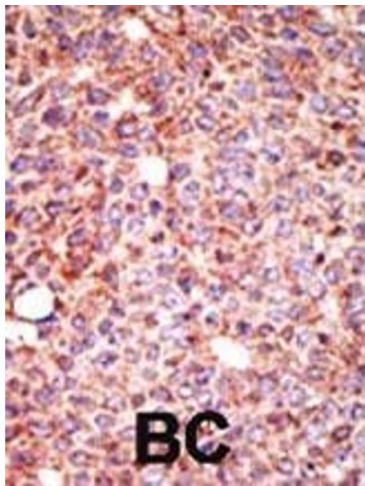
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded H.kidney tissue reacted with MGAT3 Antibody (N-term) (ABIN389044 and ABIN2839255).



Western Blotting

Image 2. Western blot analysis of MGAT3 antibody (N-term) (ABIN389044 and ABIN2839255) in mouse spleen tissue lysates (35 µg/lane). MGAT3 (arrow) was detected using the purified Pab.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.