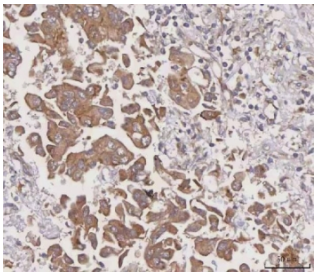
MGAT3 Antibody (RQ8376)

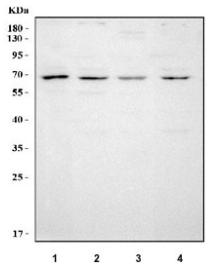
Catalog No.	Formulation	Size
RQ8376	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q09327
Localization	Cytoplasm (Golgi)
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This MGAT3 antibody is available for research use only.



IHC staining of FFPE human liver cancer tissue with MGAT3 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) Caco-2, 2) K562, 3) U-2 OS and 4) Jurkat cell lysate with MGAT3 antibody. Predicted molecular weight ~61 kDa.

Description

Beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase is an enzyme that in humans is encoded by the MGAT3 gene. 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.

Application Notes

Optimal dilution of the MGAT3 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (D68-N437) was used as the immunogen for the MGAT3 antibody.

Storage

After reconstitution, the MGAT3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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