

## Product datasheet for **TA356491**

### MGAT5 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human MGAT5
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	81kDa
Gene Name:	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase
Database Link:	<a href="#">XP_005263727</a> <a href="#">Entrez Gene 4249 Human</a> <a href="#">Q09328</a>



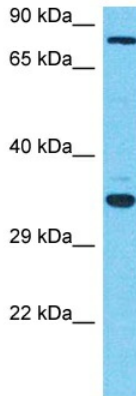
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**Background:**

The protein encoded by this gene belongs to the glycosyltransferase family. It catalyzes the addition of beta-1,6-N-acetylglucosamine to the alpha-linked mannose of biantennary N-linked oligosaccharides present on the newly synthesized glycoproteins. It is one of the most important enzymes involved in the regulation of the biosynthesis of glycoprotein oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the adhesive or migratory behavior of a cell. Increase in the activity of this enzyme has been correlated with the progression of invasive malignancies.

**Synonyms:**

GGNT5; GNT-V; GNT-VA; OTTHUMP00000162459

**Product images:**

Host: Rabbit  
Target Name: MGAT5  
Sample Tissue: OVCAR-3 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: MGAT5  
Sample Type: OVCAR-3 Whole Cell lysates  
Antibody Dilution: 1.0ug/ml